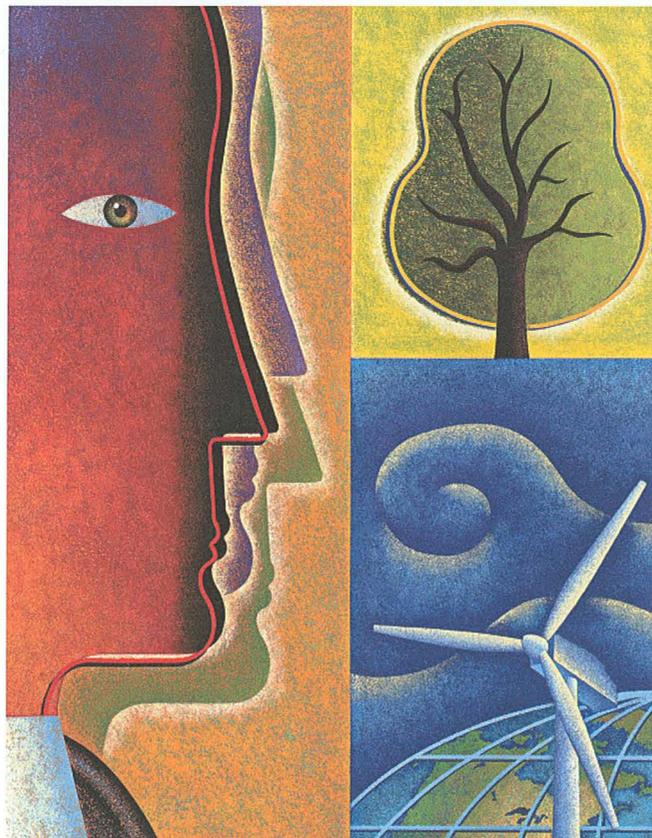




Quarterly Monitoring Report 1st Quarter 2010

**Dayco Corporation/L.E. Carpenter Superfund Site
Borough of Wharton, Morris County, New Jersey**

USEPA ID No. NJD002168748





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May 2010

Prepared For
L.E. Carpenter & Company

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Section 1

Introduction

RMT, Inc. (RMT), on behalf of our client, has prepared this Quarterly Monitoring Report for the Dayco Corporation/L.E. Carpenter (LEC) Superfund Site ("Site") located at 170 North Main Street, Borough of Wharton, Morris County, New Jersey (Figure 1). Quarterly monitoring events are performed, and associated progress reports completed and submitted to the United States Environmental Protection Agency (USEPA), to comply with paragraph 49 of the 2009 Unilateral Administrative Order (UAO) issued to LEC by the USEPA (effective August 6, 2009). We provide a summary of activities completed during the first quarter of 2010 (1Q10), including but not limited to: (1) continued quarterly Contaminant of Concern (COC) and Monitored Natural Attenuation (MNA) groundwater monitoring of both the MW19/Hot Spot 1 (MW19HS1) and MW-30 eastern source reduction areas, (2) surface water quality assessments of the drainage ditch and Rockaway River, and (3) hydrogeologic and hydrologic assessments of shallow site groundwater and adjacent surface water bodies.

RMT conducted the following tasks during the 1Q10:

- Quarterly groundwater and surface water monitoring within the MW19HS1 area, the MW-30 source reduction area, the eastern wetland area (Wharton Enterprise property), and adjacent surface water bodies (*i.e.*, Rockaway River and drainage ditch) as required under the 2009 UAO, and as described in the Post Remedial Monitoring Plan (PRMP) and other regulatory correspondence (Reference Sections 2, 3, 4, and 5).

Discussion of these activities is provided in the referenced sections. Specific results for each of the three (3) monitored areas of concern (AOC) are summarized as follows:

- MW19HS1: Data continues to show that intrinsic bioremediation processes are strong and actively working to break down benzene, toluene, ethylbenzene, and xylenes (BTEX) components related to residual soil contamination. Contamination is limited to the Site, and the area of dissolved-phase groundwater contamination is reducing over time. However, after receipt of the New Jersey Department of Environmental Protection (NJDEP) Notice of Deficiency (NOD) dated October 16, 2008, following regulatory review of the September 2007 Remedial Action Selection Report (RASR), further delineation of residual soil contamination (lateral and vertical extent) was presented to USEPA in the Remedial Design (RD) Report Addendum No. 2 [formerly called the Remedial Investigation Workplan (RIW)] dated November 14, 2008. Subsequent discussions with USEPA regarding the MW19HS1 area resulted in the submittal of a Letter of Intent (LOI) (RMT, January 5, 2009). The LOI outlined a more streamlined approach to remediating the MW19HS1 area by combining the investigative and remedial measures proposed in the

November 2008 RD Report Addendum No. 2 and September 2007 RASR, respectively. Specifically, the LOI proposed concurrent implementation of investigation and remediation, and focused the remedial alternative on soil excavation only. LEC, USEPA and RMT developed a Statement of Work (SOW) which was designed to accompany the UAO prepared by the USEPA. The final UAO and SOW documents were received by LEC on July 24, 2009 and became effective August 6, 2009, following the teleconference with USEPA. The streamlined approach outlined above was presented in an Addendum to the USEPA approved Remedial Action Work Plan (RAWP) that was submitted on September 3, 2009. [Note: the original RAWP was prepared by RMT and submitted in April 2004, and following a comment and response period was approved on December 21, 2004]. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW19HS1 specific comments were submitted by RMT to USEPA on December 29, 2009 and approved by USEPA in their email dated December 30, 2009. Implementation of the MW19HS1 area investigation and remediation began on January 11, 2010 and was completed in mid-April 2010. It is anticipated that documentation of this event will be completed and submitted by the end of 2Q10.

- MW-30 Area of Concern: Shallow groundwater flow is similar to flow that occurred before the 2005 source reduction in that shallow groundwater at the Site is recharged by Washington Forge Pond, as well as the first 600 feet of the Rockaway River below the dam. The effect of the buried slurry monolith on groundwater flow is very limited in extent and occurs mainly within the source reduction area. The presence of the monolith does not change the overall horizontal component of flow direction towards the drainage ditch, the wetland area, and the river. Dissolved phase contaminant concentrations were detected at a number of source area PRMP monitoring locations in 1Q10.

In August 2008, RMT submitted an RD Report Addendum No. 1 (formerly called the MW-30 Area RIW) to further evaluate concentrations and light non-aqueous-phase liquids (LNAPL) remaining in this area. The RD Report Addendum No. 1 was prepared and submitted to satisfy the requirements outlined in NJDEP's NOD letter received on June 25, 2008, following review and comment on previous quarterly RAPRs. USEPA comments on the August 2008 RD Report Addendum No. 1 was received January 22, 2009 and January 30, 2009, respectively. As outlined above, LEC, USEPA and RMT developed a SOW. The scope of work outlined in the August 2008 RD Report Addendum No. 1 (including responses to comments) was also presented in RMT's September 3, 2009 Addendum to the USEPA approved RAWP. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW-30 area specific comments were submitted to the USEPA on February 1, 2010 and approved by USEPA in their email dated February 22, 2010. LEC anticipates beginning RAWP implementation once the requisite wetland permits have been received from NJDEP (see Section 6.1 below).

- Surface Water: Rockaway River samples show non-detect for all COCs, with the exception of SW-R-1 which had detections of ethylbenzene and total xylenes slightly above the

detection limits. Surface water samples from the ditch show bis (2-ethylhexyl) phthalate (DEHP) above the applicable New Jersey Surface Water Quality Standard (NJSWQS) at SW-D-1, SW-D-2, SW-D-3, and SW-D-4. Benzene, toluene, and total xylenes were not detected at any surface water monitoring locations in the ditch. Ethylbenzene was detected slightly above the detection limit in samples collected from SW-D-4 and SW-D-5.

Section 2

Groundwater Elevations and Sampling Methodology

2.1 Groundwater Elevations and Shallow Groundwater Flow Direction

RMT measured static groundwater levels within 29 groundwater monitoring wells throughout the Site on February 12 and 13, 2010 as part of the sampling activities. As previously mentioned, twelve (12) monitoring wells in the MW19HS1 area were abandoned between October 13 and 15, 2009 in preparation for the demolition of Building 9 which occurred in December 2009, and the MW19HS1 area investigative and remedial activities which began on January 11, 2010. Additional details are provided below in Section 3.1.

In addition, surface water levels were measured at 8 separate locations along the Rockaway River and 5 locations along the drainage ditch. These data were used to calculate groundwater elevations (Table 1) with respect to the National Geodetic Vertical Datum (NGVD), and evaluate the site-wide groundwater flow pattern in the shallow aquifer system. Site-wide shallow groundwater contours and associated flow pattern are shown on Figure 3. The contours were prepared by utilizing the surveyed groundwater elevations from the new PRMP wells, existing Site wells, and river and ditch surface water elevations (Table 1).

2.1.1 MW19HS1 AOC

As historically observed, shallow groundwater in the MW19HS1 area is generally toward the northeast. Groundwater elevation data previously obtained for the MW19HS1 area wells has continuously shown that MW-19-12 is directly downgradient from the leading edge of the residual groundwater contamination. The Rockaway Valley Regional Sewer Authority (RVRSA) storm sewer line that runs west to east down Ross Street locally influences groundwater flow north and south of the utility corridor.

2.1.2 MW-30 AOC

Shallow groundwater flow is similar to flow that occurred before the source reduction in that shallow groundwater at the Site is recharged by Washington Forge Pond, as well as the first 600 feet of the Rockaway River below the dam (“losing” reach of river; see approximate flow direction arrows on Figure 3). The groundwater contour map also shows that the effect of the buried slurry monolith on groundwater flow is very limited in extent, mainly within the Source Reduction area. Specifically, the area of the monolith

can be approximated by the shape of the low swale roughly defined by the 629-foot ground elevation contour, and the inferred 626-foot groundwater contours roughly mimic the shape of that swale. The presence of the monolith does not change the overall horizontal component of flow direction.

Surface water elevation data for the man-made drainage ditch is consistent with its current configuration as a U-shaped pond formed as a result of a downstream beaver dam (Figures 2 and 3). As shown by the flow arrows on Figure 3, the bulk of the shallow groundwater on-site becomes influent to the ditch surface water; this flow-path is supported by the occasional low detections of Site COCs in some of the ditch surface water samples (see Section 5).

Again as shown by a groundwater flow arrow on Figure 3, a smaller area of the site beginning near MW-9 where the river is a “losing” stretch, hosts groundwater that flows towards and along the southeastern portion of the source reduction area and part-way into the wetland, and thence towards the river near MW-35S.

Further downgradient (further into the wetland area to the east), groundwater is mounded slightly and flows north into the ditch system, west back towards the PCB/source reduction area, and south to the river.

These flow paths are supported by groundwater testing data. Specifically, relatively high levels of contamination found in wells MW-32S, 34S, and 35S support the flow path from the impacted western end of the wetland and eastern end of the source reduction excavation area and towards the river. Similarly, a lack of detectable constituents within wells MW-21 and MW-25R support the flow path from the eastern part of the wetland located further east (just west and south of the drainage ditch) back towards the western part of the wetland (impacted portion) and thence southwards towards the river.

This condition has remained relatively consistent over the period of remedial investigations that have been conducted on-site (minor fluctuations in the amount of flow that occurs into the ditch versus the river at the west end of the wetland area is a function of seasonal changes in rainfall infiltration and river water levels). These data show that contaminant migration will not occur further east. Finally, another line of evidence that shows eastern migration of contaminants is limited is that fact that the construction of the regional sewer line did not encounter contamination until its construction had progressed from east to west to the western end shown on Figure 3 (effectively stopping further eastward advancement of the sewer line in the wetland area, and causing it to be re-routed further north where it now occurs under Ross Street).

2.2 Sampling Methodology

RMT conducted the 1Q10 groundwater monitoring activities February 12 through 16, 2010. Groundwater monitoring was performed in accordance with the procedures contained in the NJDEP's *Field Sampling Procedures Manual* dated May 1992 (Revised August 2005), and methodologies outlined in our May 2001 Monitored Natural Attenuation (MNA) work plan. The MNA work plan was approved by NJDEP on January 24, 2002. A site plan showing current conditions and locations of the monitoring points sampled this quarter are shown on Figure 2.

Two sample duplicates, trip blanks, a field (atmosphere) blank, one matrix spike/matrix spike duplicates (MS/MSDs), and two rinsate blanks were collected to satisfy Quality Assurance / Quality Control (QA/QC) requirements outlined in the revised Quality Assurance Project Plan (QAPP) presented as Appendix C in the PRMP.

The trip blanks were prepared by the laboratory and remained with the sample containers until the samples were returned to the laboratory where they were analyzed for BTEX. The blind duplicate samples were collected at SW-D-4 (Dup-01) and MW-28(s) (Dup-02) and analyzed for BTEX and DEHP. Dup-02 was also analyzed for MNA parameters. Rinsate blank RB-01 and RB-02 were collected by circulating distilled water through the cleaned bladder pump assemblies to verify that decontamination procedures were adequate. Any sampling equipment used at each well was decontaminated prior to each use utilizing an environmental detergent (Alconox®) and clean water wash followed by a distilled water rinse. The field (atmosphere) blank was taken by opening a bottle of unpreserved distilled water, leaving the bottle open during the sampling of one well, and pouring that water directly into clean sample bottles with added preservative also provided by the laboratory. RMT submitted all samples to Trace Analytical Laboratories, Inc (Trace), located in Muskegon, Michigan for BTEX, DEHP, and MNA parameter analyses (State of New Jersey Lab Certification No. MI008).

Section 3

MW-19/Hot Spot 1 Area of Concern (AOC)

A comprehensive investigative and remedial history of the MW19HS1 AOC is presented in the 4th Quarter 2007 RAPR. As outlined in the 4Q07 RAPR, the MW19HS1 AOC has been under investigation since the early 1980s. Activities began with subsurface investigation and subsequent removal of two underground storage tanks (USTs) that provided bulk liquid waste storage for former operations in Building 9. Long-term monitoring and investigation of groundwater quality within the area, and a soil gas (2006) investigation, showed that naturally occurring biodegradation is occurring, resulting in a stable dissolved phase “plume” that is slowly shrinking over time, and does not pose a risk to the residences on the north side of Ross Street.

In the June 20, 2007, NOD pertaining to review of the May 2006 Soil Gas Investigation Report, NJDEP stated that the extended time frame for degradation of dissolved phase groundwater contamination post source removal [USTs and surrounding soils] suggests that residual source material remains and must be addressed, and that proposed remedial measures be presented in a Remedial Action Selection Report (RASR). To support preparation of the RASR, RMT performed an investigation of potential residual source material in August 2007. Results of this investigation and a proposed remedial approach were presented in the RASR submitted to NJDEP and USEPA for review in September 2007. Data from the August investigation showed residual source material was present within the vadose zone soils, which suggests reductions in groundwater concentrations via natural attenuation could take many years before achieving appropriate cleanup levels. Subsequently, the RASR outlined a combination of vadose zone excavation coupled with an additional polishing step of mechanical blending of chemical oxidants in the saturated zone to expedite cleanup of the dissolved phase constituents identified in the 2007 investigation.

As outlined in Section 1, LEC, USEPA, and RMT developed a SOW for concurrent implementation of the MW19HS1 area investigation and remediation, focusing the remedial alternative for this area on soil excavation only, without the need for an additional polishing step. This approach was detailed in the September 3, 2009 Addendum to the USEPA approved RAWP. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW19HS1 specific comments were submitted by RMT to USEPA on December 29, 2009 and approved by USEPA in their email dated December 30, 2009. Implementation of the MW19HS1 area investigation and remediation began on January 11, 2010 and was completed in mid-April 2010.

3.1 MW19HS1 Monitoring Well Abandonments

As discussed in Section 3.1 of the 4Q09 Quarterly Monitoring Report (QMR), twelve (12) MW19HS1 groundwater monitoring wells were abandoned in preparation for the demolition of Building 9 and the excavation of residually impacted soils as described in the September 2009 *Addendum to the Remedial Action Work Plan for Source Reduction*. Well abandonment field notes and records are presented in Appendix A of the 4Q09 QMR.

A post-remedial groundwater monitoring plan will be proposed to USEPA for approval in the Addendum to the Remedial Action Report (RAR), documenting the implementation of the MW19HS1 soil remedy. The groundwater elevations from these new wells, combined with the groundwater elevations from the two remaining wells will be utilized to create the MW19HS1 shallow groundwater contours and flow direction.

3.2 Delineation of Groundwater Contamination

3.2.1 Site Contaminants of Concern (COCs)

RMT sampled groundwater from the remaining groundwater monitoring well MW-19-12 on February 15, 2010. As shown on Table 2, and consistent with historical results, the ground water sample collected from MW-19-12 did not contain any detectible concentrations of BTEX or DEHP. Corresponding field sampling data and analytical laboratory reports are presented in Appendix B and Appendix C, respectively.

During the second quarter of 2006 (2Q06), MW-19-12 was installed between former groundwater monitoring wells MW-19-7 and MW-19-11 in order to determine if dissolved BTEX constituents existed further northeast towards the residences on Ross Street. As discussed in previous groundwater quarterly monitoring reports, data continues to show that MW-19-12 is downgradient of the former MW-19-7. In fact, the "plume" of dissolved phase constituents of concern has shrunk because no exceedences of C2A NJGWQS have occurred in either MW-19-7 or MW-19-12 since February 2007.

As discussed in prior quarterly groundwater monitoring reports, the lack of downward migration of COCs is evidenced by historical groundwater elevation data that shows consistent upward vertical hydraulic gradients in the MW19HS1 area and in all other former and existing deep/shallow well clusters across the Site. Site-wide upward hydraulic gradients would be expected because of the regional hydrogeologic features; specifically the upward gradient is a function of the regional groundwater discharge to the Rockaway River system. The Washington Forge Pond (at an elevation of approximately 640 feet), and the Rockaway River act as constant head boundaries, and

together comprise a regional aquifer discharge area. A historical lack of detectable constituents in MW-19-9D further verifies that LNAPL constituents are attenuated and hence are not migrating to residences along the north side of Ross Street.

3.2.2 MNA Parameters and Data Analysis

Natural attenuation (NA) of petroleum hydrocarbons via biodegradation (also known as intrinsic bioremediation) has been documented to be a universal phenomenon in that it occurs at 100% of sites with BTEX hydrocarbon contamination, and is found to be protective at more than 80% of those sites (Wiedemeier, 1997). As discussed in prior quarterly groundwater monitoring reports, intrinsic bioremediation in the MW19HS1 AOC is strong and actively working to break down BTEX components related to the residual soil contamination.

A new groundwater monitoring well network and monitoring program will be proposed in the Addendum to the RAR. No additional testing of MNA parameters will occur in this area until the new well network has been installed. Because of the strong NA documented above and in previous reports, RMT anticipates that any remaining contaminants dissolved in groundwater will attenuate much more rapidly.

Section 4

MW-30 Area of Concern (AOC)

The 2005 source reduction was implemented to remove as much of the free-product mass as possible. It was anticipated that some dissolved-phase contamination would remain in groundwater following the source reduction, and that residual groundwater contamination was to be addressed as part of a formal ROD amendment. The 2005 source reduction was a success in that no free product has been measured within the source reduction area since completion of that work and implementation of the PRMP. Residual contamination is being monitored and addressed as described below.

The 1Q10 monitoring event marks the eighth time that all of the wells specified in the PRMP have been sampled. The 1Q10 sampling event is the 16th event for the source area monitoring wells installed in June 2006. This long period of time since sampling and testing the 2006 wells began was a result of the more than two year period of time it took for the New Jersey Land Use Regulation Program (LURP) to approve the GP-14 and Stream Encroachment Permit applications. A photographic summary of the Site is included in Appendix D

The analytical results from all monitoring events are summarized in Tables 2 through 5. The shallow wells that lie within the central (MW-28 cluster) and downgradient (MW-30 cluster) portions of the source reduction area both have screens that were placed below the slurry monolith. At both locations, intermediate monitoring wells MW-28i and MW-30i were installed and screened approximately 5 feet below the bottom of the shallow well screen; 15 to 20 ft bgs and 10 to 15 ft bgs, respectively.

In 1Q10 low levels of dissolved groundwater contamination continue to be found in the source reduction area interior monitoring wells MW-28s and MW-28i (Table 2). Benzene and toluene have not been detected in the MW-28 well cluster since 4Q06. Ethylbenzene and xylenes have not been detected in intermediate well MW-28i since 4Q06. Samples collected from MW-28s contain levels of dissolved ethylbenzene and xylene; however, the concentrations appear to be generally decreasing over time and no BTEX constituents are present at levels that exceed current C2A NJGWQS. Dissolved DEHP concentrations continue to fluctuate at both MW-28s and MW-28i; however, the overall trend of DEHP concentration appears to be downward.

Historically, site contaminants of concern continue to be found dissolved in groundwater in source reduction area downgradient well MW-30s; however, RMT was unable to sample MW-30s and MW-30i during the 1Q10 sampling event because the water in the wells was frozen. For the previous four events, no contaminants have been detected in well MW-30i, with the

exception of DEHP, just slightly above the detection limit. This indicates that the vertical extent of site constituents of concern in the vicinity of the MW-30 cluster is limited to only the top five feet or less of the shallow water table (within the first five feet of aquifer immediately below the slurry monolith).

Although overall concentrations of all Site COCs in MW-30s continue to trend significantly downward (as of May 2008, only DEHP remained above drinking water criteria in MW-30s), because of the fluctuating concentrations of DEHP in MW-30s, RMT prepared an RD Report Addendum No. 1 to further evaluate concentrations remaining in this area. This RD Report Addendum No. 1 was prepared to satisfy the requirements outlined in NJDEP's NOD letter received on June 25, 2008, as well as to address residual contamination just outside of the downgradient part of the main source reduction area (wetland area wells just installed in spring 2008; see discussion in following paragraphs). Comments on the RD Report Addendum No. 1 were received from the USEPA in late January. The scope of work outlined in the August 2008 RD Report Addendum No. 1 was presented in the Addendum to the USEPA approved Remedial Action Work Plan (RMT, April 2004), submitted on September 3, 2009. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW-30 area specific comments were submitted to the USEPA on February 1, 2010 and approved by USEPA in their email dated February 22, 2010.

As part of the 1Q10 sampling event, RMT also sampled the five (5) wetland area wells (MW-31s, MW-32s, MW-33s, MW-34s, and MW-35s) for groundwater quality. The location of these wells, with respect to the source reduction and wetland areas, are shown on Figures 2 & 3; all of these wells are located outside of and downgradient from the source reduction excavation area. Monitoring well MW-31s is located on the southern edge of the ditch where it bends around the Air Products property. Monitoring well MW-32s is south of MW-31s and is midway between the ditch and the Rockaway River. Monitoring well MW-33s is west-southwest of MW-32s and located near the entrance to the wetland area just off the northern bank of the Rockaway River. Monitoring well MW-34s is southeast of MW-32s. Monitoring well MW-35s is east of MW-34s, just upgradient from the river edge location where product sheen had been previously observed (before the source reduction) to be migrating directly into the river.

During 1Q10, groundwater samples collected from all of the wetland area wells had concentrations of DEHP above the higher of the C2A NJGWQS and PQL. Groundwater samples collected from MW-31s, MW-32s, MW-34s, and MW-35s also contained concentrations of benzene, ethylbenzene and/or total xylenes above the higher of the C2A NJGWQS and PQL (Table 2) (Figure 4). The concentration trends of dissolved benzene, ethylbenzene, and xylenes will continue to be carefully monitored. Furthermore, additional investigations to determine nature and extent is proposed for this area as described in the September 3, 2009 Addendum to

the USEPA approved RAWP; the Addendum focuses on characterization and gathering data that will be used to develop a means to prevent further discharge of groundwater contamination into the ditch and Rockaway River.

As described above in Section 2.1.2, based on the site groundwater flow map (Figure 3), the receptor downgradient from the bulk of the source reduction area (represented by results from the MW-28 cluster) is the drainage ditch. Groundwater from other portions of the source reduction area flows towards a small western portion the wetland area and the Rockaway River.

Section 5

Surface Water Area of Concern (AOC)

The Rockaway River adjacent and downstream from the LEC site is classified as a Category 1 fresh water trout maintenance stream (FW2-TM(C1); ref. Surface Water Quality Standard Reference: N.J.A.C 7:9B-1.15 (e), Table 3 January 2010; (Dover) - Washington Pond outlet downstream to Rt. 46 bridge). In N.J.A.C. 7:9B-1.4, "Category one waters" means those waters designated in the tables in N.J.A.C. 7:9B-1.15(c) through (g), for purposes of implementing the antidegradation policies set forth at N.J.A.C. 7:9B-1.5(d), for protection from measurable changes in water quality based on exceptional ecological significance, exceptional recreational significance, exceptional water supply significance, or exceptional fisheries resource(s) to protect their aesthetic value (color, clarity, scenic setting) and ecological integrity (habitat, water quality, and biological functions). As such, RMT compared Site COC concentrations detected in the drainage ditch and Rockaway River samples against background concentrations found in upgradient sample SW-R-6, collected below the Washington Forge Pond dam, at the upgradient end of the Site.

5.1 Eastern Drainage Channel

As part of the 1Q10 event, RMT sampled five (5) points within the eastern drainage channel that separates the adjacent Air Products property from the LEC site and the adjacent Wharton Enterprises property for surface water quality. This sampling was conducted at the request of NJDEP as outlined in their letter dated March 23, 2005.

During the 1Q10 sampling event, locations SW-D-1, SW-D-2, SW-D-3, SW-D-4, and SW-D-5 were sampled. Sample SW-D-1 is located at the upstream end (head) of the ditch. Sample SW-D-2 is located just downgradient of the bend around the Air Products property adjacent to the area where free product seeps were observed before completion of the source reduction. Sample SW-D-3 is located at the downgradient end of the ditch, just west of the connecting channel that feeds into the Rockaway River. Sample SW-D-4 is located just upgradient of the bend around the Air Products property on the LEC side of the ditch. SW-D-5, added during the 3Q06 event, is located within the channel that connects the ditch to the Rockaway River, just above [north] the beaver dam. All surface water sample locations are shown on Figure 2. The laboratory analytical results for these drainage ditch samples are summarized on Table 5.

DEHP was detected above the NJSWQC at SW-D-1, SW-D-2, SW-D-3, and SW-D-4. Benzene, toluene, and total xylenes were not detected at any surface water monitoring locations in the ditch. Ethylbenzene was detected slightly above the detection limit in samples collected from

SW-D-4 and SW-D-5. Migration of Site COCs into the ditch environment will be addressed during the upcoming on-site investigations that are included in the USEPA approved September 2009 Addendum to the approved 2004 Remedial Action Workplan.

5.2 Rockaway River

In addition to the drainage channel, RMT also collected seven (7) surface water samples from the Rockaway River (Ref. Figure 2 and Table 5).

Sample SW-R-1 was collected near the river edge adjacent to the location where product sheen had been previously observed (before the source reduction) to be migrating directly into the river. As discussed in earlier reports, the sheen was discovered in 2004 as a visible coloration on top of quiescent water pooled within the wetland area. DEHP, benzene, and toluene were not detected in the surface water sample from SW-R-1. Ethylbenzene and total xylenes were detected at concentrations below the applicable background standards.

River sample SW-R-2 was taken directly upstream of the SW-R-1 location. The surface water sample collected in the river at SW-R-2 did not contain detectible concentrations of BTEX or DEHP.

River sample SW-R-3 was taken upstream of SW-R-2, near the SG-R3 staff gauge. The surface water sample collected in the river at SW-R-3 did not contain any detectible concentrations of BTEX or DEHP.

Site COCs were not detected in Rockaway River surface water sample SW-R-4, collected upstream of SW-R-3.

Surface water sample SW-R-5 was collected from the Washington Forge Pond, near the SG-R5 staff gauge. Site COCs were not detected in the surface water sample SW-R-5.

River sample SW-R-6 was taken just downstream of the Washington Forge Pond dam. Due to regulatory comments in an email dated December 21, 2009, this location now serves as the background monitoring location for the Site. Surface water samples SW-R-1 through SW-R-4, are compared to the results of SW-R-6, per N.J.A.C. 7:9B-1.5 (d) 6iii. Site COCs were not detected in the surface water sample SW-R-6.

Another surface water sample was collected in the ditch near its intersection with the Rockaway River (approximately 10 feet upstream in the drainage channel; see Figure 2). This location represents the surface water discharge point from the ditch/beaver pond into the Rockaway River. Similar to the other river samples collected, Site COCs were not detected in the "Ditch-River Confluence" sample DRC-2.

Surface water sampling at the eastern drainage ditch as well as the Rockaway River and Washington Forge Pond will continue to take place during each quarterly monitoring event. Specifics regarding surface water sampling locations, frequency and analytes are presented in the PRMP and associated QAPP.

Section 6

Additional and Future Project Activities

The following section briefly outlines additional activities completed in 1Q10 and activities anticipated for completion during 2Q10 and beyond. LEC completed the 2Q10 quarterly monitoring event during the week of April 19, 2010. An updated Master Project Schedule is presented in Appendix E.

6.1 MW-30 Area Remedial Investigation Workplan

On August 22, 2008, RMT submitted to NJDEP and USEPA an RD Report Addendum No. 1 (formerly called the MW-30 Source Area RIW) regarding dissolved phase contamination entering the ditch and river. The RD Report Addendum No. 1 was submitted in response to the requirements outlined in NJDEP's NOD received on June 25, 2008. The RD Report Addendum No. 1 scope also addressed the delineation of LNAPL in the wetland area. USEPA comments on the August 2008 RD Report Addendum No. 1 were received in January 2009. The scope of work outlined in the August 2008 RD Report Addendum No. 1 (including responses to comments) was presented in the September 3, 2009. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW-30 area specific comments were submitted to the USEPA on February 1, 2010 and approved by USEPA in their email dated February 22, 2010. As shown on the Master Project Schedule (Appendix E), it is anticipated that investigative activities will begin in August 2010, following approval and receipt of the Flood Hazard Permit from the NJDEP Land Use Regulation Program.

6.2 MW19/Hot Spot 1 Soil Gas Investigation and RASR

On May 9, 2006, RMT, on behalf of LEC, submitted a soil gas investigation report documenting field implementation and the results of a soil gas investigation conducted in the MW19/Hot Spot 1 area to comply with the October 2005 NJDEP Vapor Intrusion Guidance and revised NJDEP Field Sampling Procedures Manual (August 2005). The soil gas study results showed that migration of on-site soil and groundwater contamination via the vapor intrusion pathway was not taking place and no soil gas issues were found relative to the residences along the north side of Ross Street.

During a January 23, 2007 phone conversation, NJDEP indicated that formal regulatory response following review of this report would be forwarded to both LEC and RMT by the end of February 2007. LEC received a NOD comment letter from the NJDEP dated June 20, 2007. RMT, on behalf of LEC, prepared a request for a 45-day extension dated July 17, 2007 for the

submittal of the RASR outlined in the NJDEP NOD. NJDEP approved the 45-day extension. Subsequently, LEC performed a source area investigation and submitted the RASR to NJDEP and USEPA on September 4, 2007. NJDEP issued comments on the RASR in their NOD letter dated October 16, 2008. RMT, on behalf of LEC, prepared an RD Report Addendum No. 2 (formerly called the RIW) to address the NOD and submitted it to the USEPA on November 14, 2008.

Subsequent discussions with USEPA regarding the MW19HS1 area resulted in the submittal of an LOI (RMT, January 5, 2009). The LOI outlined a more streamlined approach to remediating the MW19HS1 area by combining the investigative and remedial measures proposed in the November 2008 RD Report Addendum No. 2 and September 2007 RASR respectively. Specifically, the LOI proposed concurrent implementation of investigation and remediation, and focused the remedial alternative on soil excavation only. The streamlined approach outlined above was presented in the September 3, 2009 Addendum to the USEPA approved RAWP. USEPA provided comments on the Addendum to the RAWP in an email dated December 21, 2009. Responses to the MW19HS1 specific comments were submitted by RMT to USEPA on December 29, 2009 and approved by USEPA in their email dated December 30, 2009. Implementation of the MW19HS1 area investigation and remediation began on January 11, 2009 and was completed in mid-April 2010. It is anticipated that documentation of this event will be completed and submitted by the end of 2Q10.

6.3 Wetland Monitoring, Invasive Species Control, and Reporting

The 2009 Compensatory Mitigation Monitoring Report was submitted on December 28, 2009. 2009 is considered the fifth and final growing season where monitoring and reporting is required by the 2005 GP-4 wetlands permit. However, as outlined in the report, annual monitoring and invasive species control events will continue on a semi-annual basis as required by permit conditions until agency sign-off is obtained. Additional wetland restoration, monitoring and reporting issues are addressed in the Addendum to the USEPA approved Remedial Action Work Plan (RMT, April 2004), submitted September 3, 2009.

The spring and fall 2010 wetland monitoring and invasive species control events are tentatively scheduled for May and September 2010.

Tables

TABLE 1
L.E. Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Elevations

1st Quarter 2010

WELL LOCATION	MONITORING DEVICE TYPE	PROFESSIONAL SURVEY INFORMATION ⁽²⁾							QUARTERLY MEASUREMENT INFORMATION						
		BASELINE LOCATION (FT)		GEODETTIC LOCATION		ELEVATION (FT. MSL)			MEAS. DATE	PRODUCT DEPTH	WATER DEPTH	PRODUCT ELEVATION	WATER ELEVATION	PRODUCT THICKNESS (FT)	CORRECTED WATER ELEVATION
		NJ State Plane Coordinates		LATITUDE	LONGITUDE	GROUND ⁽⁶⁾	OUTER CASING	INNER WELL CASING							
		(Y) North	(X) East												
GEI-2I	Piezometer	754573.99	470499.76	40° 54' 17.4"	74° 34' 43.1"	635.32	637.75	637.60							
GEI-2S	Piezometer	754566	470506.18	40° 54' 17.3"	74° 34' 43.0"	634.86	637.27	637.07							Abandoned October 13, 2009
GEI-3I	Piezometer	754311.79	470453.7	40° 54' 14.8"	74° 34' 43.7"	636.96	639.39	639.25	12-Feb-10		12.25	--	627.00		
MW-8	Monitoring Well	754099.29	471251.06	40° 54' 12.7"	74° 34' 33.3"	627.39	629.96	628.19	12-Feb-10		2.80	--	625.39		
MW-9	Monitoring Well	754075.94	471111.03	40° 54' 12.5"	74° 34' 35.1"	628.61	631.09	629.58	12-Feb-10		3.55	--	626.03		
MW-12S(R)	Monitoring Well	754055.97	471042.34	40° 54' 12.3"	74° 34' 35.9"	631.57	634.26	633.73	12-Feb-10		7.69	--	626.04		
MW-13S	Monitoring Well	754353.97	471370.04	40° 54' 15.3"	74° 34' 31.7"	627.74	630.80	630.63	12-Feb-10		5.24	--	625.39		
MW-13S(R)	Monitoring Well	754333.07	471365.71	40° 54' 15.0"	74° 34' 31.8"	627.66	630.36	629.99	12-Feb-10		4.37	--	625.62		
MW-13I	Monitoring Well	754337.8	471360.31	40° 54' 15.1"	74° 34' 31.9"	627.76	630.28	630.06	12-Feb-10		4.29	--	625.77		
MW-15S	Monitoring Well	754326.58	470891.83	40° 54' 15.0"	74° 34' 38.0"	634.23	636.43	636.17	12-Feb-10		9.84	--	626.33		
MW-15I	Monitoring Well	754325.8	470901.47	40° 54' 15.0"	74° 34' 37.9"	634.14	636.28	636.06	12-Feb-10		9.70	--	626.36		
MW-17(S)	Monitoring Well	754109.68	470759.85	40° 54' 12.8"	74° 34' 39.7"	632.35	634.32	634.19	12-Feb-10		7.79	--	626.40		
MW-18S	Monitoring Well	754677.95	471117.26	40° 54' 18.4"	74° 34' 35.0"	627.62	630.88	630.66	12-Feb-10		4.73	--	625.93		
MW-18I	Monitoring Well	754675.11	471106.07	40° 54' 18.4"	74° 34' 35.2"	627.75	630.59	630.44	12-Feb-10		4.19	--	626.25		
MW-19	Monitoring Well	754537.15	470454.45	40° 54' 17.1"	74° 34' 43.7"	636.22	636.23	635.90							Abandoned October 14, 2009
MW-19-1	Monitoring Well	754534.52	470427.63	40° 54' 17.0"	74° 34' 44.0"	635.93	635.96	635.64							Abandoned October 15, 2009
MW-19-2	Monitoring Well	754551.81	470429.56	40° 54' 17.2"	74° 34' 44.0"	636.46	636.50	636.30							Abandoned October 14, 2009
MW-19-3	Monitoring Well	754539.4	470394.2	40° 54' 17.1"	74° 34' 44.5"	636.97	637.06	636.70							Abandoned October 15, 2009
MW-19-4	Monitoring Well	754505.39	470432.08	40° 54' 16.7"	74° 34' 44.0"	635.69	635.76	635.43							Abandoned October 14, 2009
MW-19-5	Monitoring Well	754565.53	470470.75	40° 54' 17.3"	74° 34' 43.5"	635.93	635.93	635.56							Abandoned October 13, 2009
MW-19-6	Monitoring Well	754578.87	470443.1	40° 54' 17.5"	74° 34' 43.8"	636.17	636.16	635.82							Abandoned October 13, 2009
MW-19-7	Monitoring Well	754595.66	470501.7	40° 54' 17.6"	74° 34' 43.1"	635.31	635.36	635.00							Abandoned October 13, 2009
MW-19-8	Monitoring Well	754617.42	470493.65	40° 54' 17.8"	74° 34' 43.2"	635.82	635.82	635.36	12-Feb-10		8.31	--	627.05		
MW-19-9D	Monitoring Well	754590	470442	40° 54' 17.9"	74° 34' 42.4"	636.39	636.41	636.10	12-Feb-10		8.32	--	627.78		
MW-19-10	Monitoring Well	754625.75	470590.81	-	-	634.72	634.81	634.43							Abandoned October 13, 2009
MW-19-11	Monitoring Well	754617.45	470546.95	40° 54' 18.2"	74° 34' 41.0"	634.22	634.26	633.67							Abandoned October 13, 2009
MW-19-12	Monitoring Well	754627.53	470529.72	40° 54' 18.31"	74° 34' 41.27"	634.93	634.93	634.46	12-Feb-10		7.54	--	626.92		
MW-2I ⁽³⁾	Monitoring Well	754240.97	471645.78	40° 54' 14.1"	74° 34' 28.2"	624.57	628.49	628.20	12-Feb-10		2.85	--	625.35		
MW-25(R) ⁽³⁾	Monitoring Well	754201.83	471518.21	40° 54' 13.7"	74° 34' 29.8"	624.65	626.77	626.62	12-Feb-10		2.25	--	624.37		
MW-27s	Monitoring Well	754253.78	470672.69	40° 54' 14.613"	74° 34' 39.402"	635.82	635.78	635.07	12-Feb-10		8.49	--	626.58		
MW-28S	Monitoring Well	754243.26	471034.34	40° 54' 14.512"	74° 34' 34.692"	628.20	631.28	631.14	12-Feb-10		5.26	--	625.88		
MW-28I	Monitoring Well	754242.87	471031.19	40° 54' 14.508"	74° 34' 34.733"	628.25	631.20	631.04	12-Feb-10		5.16	--	625.88		
MW-29S	Monitoring Well	754411.14	471187.85	40° 54' 16.172"	74° 34' 32.694"	629.94	632.83	632.66	12-Feb-10		7.00	--	625.66		
MW-30S	Monitoring Well	754281.65	471265.12	40° 54' 14.893"	74° 34' 31.686"	624.99	628.24	628.24	12-Feb-10		Frozen	--			
MW-30I	Monitoring Well	754286.42	471263.15	40° 54' 14.941"	74° 34' 31.712"	625.14	628.15	628.01	12-Feb-10		Frozen	--			
MW-30D	Monitoring Well	754290.05	471261.2	40° 54' 14.976"	74° 34' 31.737"	625.20	628.22	628.02	12-Feb-10		Frozen	--			
MW-31S	Monitoring Well	754241.65	471341.5	40° 54' 14.499"	74° 34' 30.691"	627.94	630.00	629.82	12-Feb-10		4.80	--	625.02		
MW-32S	Monitoring Well	754207.08	471359.83	40° 54' 14.157"	74° 34' 30.452"	628.15	630.33	630.18	12-Feb-10		6.29	--	623.89		
MW-33S	Monitoring Well	754170.51	471311.04	40° 54' 13.796"	74° 34' 31.087"	628.85	631.06	630.91	12-Feb-10		6.14	--	624.77		
MW-34S	Monitoring Well	754178.83	471399.49	40° 54' 13.879"	74° 34' 29.935"	628.07	629.97	629.93	12-Feb-10		5.42	--	624.51		
MW-35S	Monitoring Well	754179.62	471445.17	40° 54' 13.887"	74° 34' 29.340"	627.43	629.59	629.19	12-Feb-10		4.37	--	624.82		
SG-R2 ⁽⁵⁾	Rockaway River Monitoring Point	754056.10	470946.46	40° 54' 12.662"	74° 34' 35.834"	629.41	-	-	13-Feb-10		2.60	--	626.81		
SW-R-1 ⁽⁴⁾	Rockaway River Monitoring Point	754125.56	471523.00	40° 54' 13.353"	74° 34' 28.326"	625.87	-	-	13-Feb-10		2.45	--	623.42		
SW-R-2 ⁽⁴⁾	Rockaway River Monitoring Point	754112.82	471426.51	40° 54' 13.226"	74° 34' 29.582"	626.54	-	-	13-Feb-10		2.65	--	623.89		
SW-R-3 ⁽⁴⁾	Rockaway River Monitoring Point	754149.30	471368.76	40° 54' 13.586"	74° 34' 30.335"	626.25	-	-	13-Feb-10		1.85	--	624.40		
SW-R-4 ⁽⁴⁾	Rockaway River Monitoring Point	754088.00	471279.58	40° 54' 12.980"	74° 34' 31.496"	627.57	-	-	13-Feb-10		2.45	--	625.12		
SW-R-5 ⁽⁴⁾	Rockaway River Monitoring Point	754314.04	470408.85	40° 54' 15.206"	74° 34' 42.839"	640.66	-	-	13-Feb-10		1.70	--	638.96		
SW-R-6 ⁽⁴⁾	Rockaway River Monitoring Point	754071.52	470697.75	40° 54' 12.812"	74° 34' 39.073"	631.68	-	-	13-Feb-10		NM	--	--		
SW-D-1 ⁽⁵⁾	Drainage Channel Staff Gauge	754428.36	471240.17	40° 54' 16.343"	74° 34' 32.013"	625.75	-	-	13-Feb-10		2.13	--	623.62		
SW-D-2 ⁽⁵⁾	Drainage Channel Staff Gauge	754285.35	471361.22	40° 54' 14.931"	74° 34' 30.435"	626.07	-	-	13-Feb-10		2.31	--	623.76		
SW-D-3 ⁽⁵⁾	Drainage Channel Staff Gauge	754381.23	471548.18	40° 54' 15.880"	74° 34' 28.001"	625.70	-	-	13-Feb-10		1.90	--	623.80		
SW-D-4	Drainage Channel Monitoring Point	754297.19	471292.08	40° 54' 15.047"	74° 34' 31.355"	624.93	-	-	13-Feb-10		1.32	--	623.61		
SW-D-5	Drainage Channel Monitoring Point	754223.14	471920.10	40° 54' 14.321"	74° 34' 23.155"	626.86	-	-	13-Feb-10		3.22	--	623.64		
DRC-2	Drainage Channel Monitoring Point	754117.49	471971.58	40° 54' 13.277"	74° 34' 22.483"	623.29	-	-	13-Feb-10		1.84	--	621.45		

FOOTNOTES

- (1) Reference elevation measured at the top of a 3.33 ft. Staff gauge. Water depth based on a visual observation of the water level on the Staff gauge.
- (2) Horizontal Datum: New Jersey State Plane Coordinate System NAD 83. Vertical Datum: NAVD 88
- (3) New SG-R2 replaced the old SG-R2 installed in Nov. 1998. Professional survey performed by James M. Stewart, Inc., Philadelphia, PA May 2004. SG-R2 is a chiseled arrow on Iron Beam
- (4) As outlined in the PRMP the six (6) new Rockaway River monitoring points reference survey elevation was shot at the top of a stake installed to each point
- (5) SW-D-1, SW-D-2 and SW-D-3 were resurveyed points at the top of the stake that secures each drainage ditch staff gauge.
- These points were reshot to insure the reference elevation integrity remained for each of the 3 staff gauges as a result of source reduction remedial disturbance.
- (6) Ground reference elevation for SG and SW series gauges and monitoring points is a point specific to each device (i.e., top of stake, to of gauge, notched point on concrete or iron etc)
- (7) Corrected water level elevations utilize an average specific gravity of 0.9363 (RMT, Inc. product samplg in October 1999)

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

THROUGH 1st QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
MW19-12							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	7-Nov-06	4 ^{duplicate}	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	6-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2 ^{duplicate}	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.11	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	7-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
MW-8							
	1-Sep-89	3					
	1-Jan-90	1					
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	15	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	8.0
	8-Apr-09	2 ⁽⁵⁾	< 0.9	< 0.8	< 0.8	< 0.9	J 3.0
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2.0
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 3.0
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	3.9
MW-25R							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	21-Jun-06	2 ^{duplicate}	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Sep-06	3	< 0.2	< 0.2	J 0.5	< 0.6	J 1.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2 ^{duplicate}	< 1.0	< 1.0	< 5.0	< 3.0	1.6
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution for DEHP 1.29	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.3
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	J 0.3	< 0.6	< 1.0
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	7-Apr-09	2 ⁽⁵⁾	< 0.9	< 0.8	< 0.8	< 0.9	J 1.0
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 1.0
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
MW-27s							
	22-Jun-06	2	J 0.6	3.7	3.9	14	J 3.0
	11-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	J 1.0
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.2
Dilution factor for DEHP is 1.4	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.4
Dilution factor for DEHP is 1.18	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
Dilution factor for DEHP is 1.18	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

THROUGH 1st QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
	UNITS		ug/l	ug/l	ug/l	ug/l	ug/l
	SOLUBILITY LIMIT		1,700,000	152,000	515,000	175,000	334
	PRACTICAL QUANTITATION LIMIT [PQL]		1	2	1	2	3
	NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA		0.2	700	600	1,000	2
	HIGHER OF NJGWQS AND PQL		1	700	600	1,000	3
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	J 1.0	< 1.0
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	14-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
MW-28s							
Dilution factor for BTEX 5	21-Jun-06	2	J 1.6	560.0	< 1.0	1,400	100
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3	J 0.2	210.0	< 0.2	450	570
Dilution factor for Xylene is 5, DEHP is 10	13-Sep-06	3 duplicate	J 0.3	220.0	< 0.2	470	550
Dilution factor for DEHP 10	7-Nov-06	4	< 0.2	92.0	< 0.2	180	250
Dilution factor for DEHP is 20	7-Feb-07	1	< 1.0	70.0	< 5.0	150	260
Dilution factor for DEHP is 20	7-Feb-07	1 duplicate	< 1.0	58.0	< 5.0	130	250
	27-Jun-07	2	< 1.0	30.0	< 5.0	56	28
Dilution factor for DEHP is 5	12-Sep-07	3	< 1.0	17.0	< 5.0	42	49
Dilution for DEHP is 1.2	6-Dec-07	4	< 1.0	32.0	< 5.0	96	14
Dilution for DEHP is 20	20-Feb-08	1	< 1.0	14.0	< 5.0	36	39
Dilution for DEHP is 11.1	7-May-08	2	< 1.0	2.7	< 5.0	6.6	160
Dilution for DEHP is 20	23-Jul-08	3	< 1.0	37	< 5.0	93	420
Dilution for DEHP is 10	23-Jul-08	3 duplicate	< 1.0	41	< 5.0	100	290
Dilution factor for DEHP 10	29-Oct-08	4	< 0.2	4.3	< 0.2	15	300
Dilution factor for DEHP 10	15-Jan-09	1	< 0.9	17	< 0.8	64	140
Dilution factor for DEHP 10	8-Apr-09	2	< 0.9	39	< 0.8	100	200
Dilution factor for DEHP 10	22-Jul-09	3	< 0.9	18	< 0.8	53	180
Dilution factor for DEHP 5	12-Nov-09	4	< 0.9	10	< 0.8	67	130
	16-Feb-10	1	< 0.5	8.9	< 0.5	27	65
Dilution factor for DEHP 2	16-Feb-10	1 duplicate	< 0.5	8.8	< 0.5	27	100
MW-28i							
Dilution factor for BTEX 5	22-Jun-06	2	< 1.0	480.0	< 1.0	1,300	270
Dilution factor for Xylene and DEHP is 5	13-Sep-06	3	< 0.2	72.0	J 0.6	520	180
	7-Nov-06	4	< 0.2	10.0	< 0.2	14	90
Dilution factor for DEHP is 10	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	76
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	3.9
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	21
Dilution for DEHP is 1.3	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	1.4
Dilution for DEHP is 5	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	31
Dilution for DEHP is 1.11	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	28
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	49
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	110
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	61
	15-Jan-09	1 duplicate	< 0.9	< 0.8	< 0.8	< 0.9	41
Dilution factor for DEHP 10	8-Apr-09	2 ⁽⁵⁾	< 0.9	< 0.8	< 0.8	< 0.9	240
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	19
	12-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	15
	12-Nov-09	4 duplicate	< 0.9	< 0.8	< 0.8	< 0.9	11
	16-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	12
MW-29s							
	22-Jun-06	2	< 0.2	J 0.2	< 0.2	J 0.6	J 1.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	31
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Deilution for DEHP 1.2	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05 [DUP-02]	19-Feb-08	1 duplicate	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.18	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	J 0.3	< 0.6	< 1.0
	29-Oct-08	4 duplicate	< 0.2	< 0.2	J 0.2	< 0.6	< 0.9
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	7-Apr-09	2 ⁽⁴⁾	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

THROUGH 1st QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
MW-30s							
	21-Jun-06	2	< 1.0	1,200	J 1.3	3,900	740
Dilution factor for BTEX 20, DEHP is 500	13-Sep-06	3	< 4.0	1,200	46.0	5,100	19,000
Dilution factor for BTEX 5, DEHP is 100	9-Nov-06	4	< 1.0	540	< 1.0	2,600	2,500
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
Dilution factor for BTEX 5, DEHP is 2000	26-Jun-07	2	2.1	300	< 25	1,200	13,000
Dilution factor for DEHP is 50	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	880
Dilution factor for DEHP is 200	12-Sep-07	3 ^{duplicate}	< 1.0	< 1.0	< 5.0	< 3.0	1,700
Dilution factor for DEHP is 12, BTEX is 5	6-Dec-07	4	1.5	34.0	110	260	200
Dilution factor for DEHP is 111, BTEX is 5	20-Feb-08	1	< 5.0	110	< 25	480	3,800
Dilution factor for Total Xylene is 5, DEHP is 1.25	8-May-08	2	< 1.0	100	< 5.0	460	9.6
	22-Jul-08	3	< 1.0	14	< 5.0	86	80
DEHP dilution 5	29-Oct-08	4	< 0.2	80	J 0.2	290	180
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
Dilution factor for DEHP is 50	8-Apr-09	2	< 0.9	74	< 0.8	340	1,100
Dilution factor for DEHP is 10	22-Jul-09	3	< 0.9	8	< 0.8	34	550
Dilution factor for DEHP is 10	11-Nov-09	4	< 0.9	63	< 0.8	140	350
	15-Feb-10	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
MW-30i							
	21-Jun-06	2	J 0.3	38	1.4	170	J 2.0
	13-Sep-06	3	< 0.2	1.5	< 0.2	4.9	19
	8-Nov-06	4	< 0.2	J 0.2	< 0.2	< 0.6	J 1.0
	8-Nov-06	4 ^{duplicate}	< 0.2	J 0.2	< 0.2	< 0.6	< 1.0
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.3
Dilution factor for DEHP 1.2	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.18	7-May-08	2 ^{duplicate}	< 1.0	< 1.0	< 5.0	< 3.0	< 1.2
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	J 2.0
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	J 3
	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2
	23-Jul-09	3 ^{duplicate}	< 0.9	< 0.8	< 0.8	< 0.9	J 3
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	J 1
	15-Feb-10	1	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
MW-30d							
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	J 3.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	J 9.0
	8-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	7-Feb-07	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.1	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1
Dilution factor for DEHP 1.1	4-Dec-07	4 ^{duplicate}	< 1.0	< 1.0	7.7	< 3.0	< 1.1
Dilution factor for DEHP 1.05	19-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
Dilution factor for DEHP 1.05	7-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
	15-Jan-09	1	NS - frozen	NS - frozen	NS - frozen	NS - frozen	NS - frozen
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
MW-31s							
Dilution factor for BTEX 500, DEHP 83.5	8-May-08	2	< 500	5,500	< 2,500	27,000	310
Dilution factor for Benzene & Toluene 20, Ethylbenzene and Xylenes 250, DEHP 500	23-Jul-08	3	< 20	9,000	< 100	49,000	16,000
Dilution factor for BTEX 50, DEHP 10	30-Oct-08	4	< 10	7,900	< 10	40,000	760

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THROUGH 1st QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS							
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)	
			UNITS	ug/l	ug/l	ug/l	ug/l	
			SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
			PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
			NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
			HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
Dilution factor for Benzene & Toluene 10, Ethylbenzene and Xylenes 100, DEHP 50	14-Jan-09	1	< 0.9	4,400	J 46	25,000	3,100	
Dilution factor for BTE 10 and Xylenes 100, DEHP 10	9-Apr-09	2	< 9	2,300	< 8	9,600	690	
Dilution factor for Benzene & Toluene 5, Ethylbenzene and Xylene 50, DEHP 500	23-Jul-09	3	J 5	4,500	J 10	22,000	23,000	
Dilution factor for Benzene Ethylbenzene & Toluene 5, Xylene 50, DEHP 10	12-Nov-09	4	< 5	1,300	J 5	7,400	340	
Silution factor for Benzene & Toluene 5, Ethylbenzene & Xylene 50, DEHP 25	16-Feb-10	1	4.4	4,000	11	17,000	1,000	
MW-32s								
Dilution factor for BTEX 200, DEHP 121000	8-May-08	2	< 200	16,000	< 1,000	75,000	370,000	
Dilution factor for Benzene & Toluene 50, Ethylbenzene and Xylenes 250, DEHP 200	23-Jul-08	3	< 50	8,600	< 250	43,000	7,900	
BTE 5, Xylenes 10, DEHP 100	30-Oct-08	4	J 1.1	1,200	J 1.7	6,900	4,600	
Dilution for BTE 50, Xylene 500, DEHP 500	15-Jan-09	1	< 45	8,900	< 40.0	40,000	12,000	
Dilution for Benzene & Ethylbenzene 20, Toluene & Xylenes 200, DEHP 100	8-Apr-09	2	< 18	8,200	< 16.0	50,000	8,600	
Dilution factor for BTE 50, Xylene & DEHP 200	23-Jul-09	3	< 45	7,400	< 40.0	43,000	5,400	
Dilution factor for BTE 20, Xylene 200 & DEHP 100	12-Nov-09	4	< 18	3,800	< 16.0	29,000	2,300	
Dilution factor for Benzene & Toluene 5, Ethylbenzene & Xylene 50, DEHP 1000	16-Feb-10	1	7.7	7,400	10.0	36,000	130,000	
MW-33s								
Dilution factor for DEHP 1.25	8-May-08	2	4	6.6	< 5.0	27	16	
	23-Jul-08	3	1.8	< 1.0	< 5.0	3.3	21	
Dilution factor for DEHP 50	30-Oct-08	4	J 0.4	J 0.6	J 0.3	< 3.0	5,500	
Dilution factor for DEHP 200	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	3,400	
Dilution factor for DEHP 50	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	1,100	
Dilution factor for DEHP 500	23-Jul-09	3	< 0.9	< 0.8	< 0.8	J 2.0	81,000	
Dilution factor for DEHP 20	12-Nov-09	4	< 0.9	< 0.8	< 0.8	J 2.0	790	
Dilution factor for DEHP 250	16-Feb-10	1	< 0.5	0.5	< 0.5	5.1	21,000	
MW-34s								
Dilution factor for Ethylbenzene and Total Xylenes 5, DEHP 1.33	6-May-08	2	1.3	230	< 5.0	1,200	3.0	
Dilution factor for BTEX 20	23-Jul-08	3	< 20	470	< 100.0	2,300	1.6	
	30-Oct-08	4	< 0.2	2	< 0.2	180	7	
Dilution factor for BTE 10, Xylene 100	15-Jan-09	1	< 9	2,700	J 16.0	13,000	7	
Dilution for Benzene & Toluene 10, Ethylbenzene & Xylenes 100, DEHP 100	8-Apr-09	2	< 9	3,600	J 18.0	18,000	J 5	
Dilution for Benzene & Toluene 2, Ethylbenzene & Xylenes 20	23-Jul-09	3	< 2	1,300	J 5.0	6,700	9	
Ethylbenzene & Xylenes 10	12-Nov-09	4	< 0.9	440	< 0.8	1,000	J 4	
Dilution factor for Ethylbenzene and Xylene is 20	16-Feb-10	1	1.5	680	2.2	2,300	13	
MW-35s								
Dilution factor for Ethylbenzene and Total Xylenes 500, DEHP 57	6-May-08	2	1.3	230	< 5.0	1,200	490	
Dilution factor for Benzene & Toluene 10, Ethylbenzene and Xylenes 250, DEHP 20	23-Jul-08	3	16	12,000	260.0	67,000	530	
Dilution factor for Xylenes 100, Benzene 20, Toluene 20, Ethylbenzene 100, DEHP 10	30-Oct-08	4	J 9.6	8,800	34.0	57,000	460	
Dilution factor for Benzene and Toluene 20, Ethylbenzene, Xylene and DEHP 200	15-Jan-09	1	< 18	12,000	J 36.0	88,000	3,500	
Dilution factor for Benzene and Toluene 20, Ethylbenzene & Xylene 200, DEHP 50	8-Apr-09	2	< 18	13,000	J 40.0	100,000	1,800	
Dilution factor for Benzene & Toluene 20, Ethylbenzene and Xylene 200, DEHP 500	23-Jul-09	3	< 18	14,000	J 36.0	92,000	20,000	
Dilution factor for Benzene Ethylbenzene & Toluene 50, Xylene and DEHP 500	12-Nov-09	4	< 45	8,900	< 40.0	69,000	3,000	
Dilution factor for Benzene & Toluene 20, Ethylbenzene & Xylene 1000 and DEHP 25	16-Feb-10	1	< 10	9,800	30.0	59,000	660	
Atmospheric Blank								
	13-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	8-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	26-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	20-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	12-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	
	8-Feb-07	1	< 1.0	< 1.0	J 1.9	< 3.0	< 1.0	
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	11-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
ATM-01	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
ATM-01, Dilution factor for DEHP 1.08	6-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.1	
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0	
	28-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0	

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MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000	334
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2	3
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000	2
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000	3
	14-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	8-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
	22-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	11-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
	15-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
Rinsate Blank							
	14-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	21-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	22-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	13-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	14-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	9-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	10-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	12-Sep-07	3	< 1.0	< 1.0	< 5.0	< 3.0	1.1
	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	2.7
	6-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-02	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-03	20-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
	5-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-02	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-03	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	< 1.0
RB-02	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 0.9
RB-03	30-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6	< 1.0
RB-01	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-02	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-01	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-02	9-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-01	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	< 0.9
RB-02	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9	J 2.0
RB-02	12-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9	< 1.0
RB-02	16-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5	< 1.0
Trip Blank							
	13-Jan-05	1	< 0.2	< 0.2	< 0.2	< 0.6	NA
	9-Apr-05	2	< 0.2	< 0.2	< 0.2	< 0.6	NA
	27-Jul-05	3	< 0.2	< 0.2	< 0.2	< 0.6	NA
	27-Oct-05	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
	28-Feb-06	1	< 0.2	< 0.2	< 0.2	< 0.6	NA
	20-Jun-06	2	< 0.2	< 0.2	< 0.2	< 0.6	NA
	12-Sep-06	3	< 0.2	J 0.2	< 0.2	< 0.6	NA
	13-Sep-06	3	< 0.2	< 0.2	< 0.2	< 0.6	NA
	6-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
	7-Nov-06	4	< 0.2	< 0.2	< 0.2	< 0.6	NA
	7-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	8-Feb-07	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	27-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	26-Jun-07	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	4-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	NA
	5-Dec-07	4	< 1.0	< 1.0	< 5.0	< 3.0	NA
	18-Feb-08	1	< 1.0	< 1.0	< 5.0	< 3.0	NA
	5-May-08	2	< 1.0	< 1.0	< 5.0	< 3.0	NA
	22-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0	NA

TABLE 2
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Groundwater Monitoring Data

THROUGH 1st QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS					
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l
		SOLUBILITY LIMIT	1,700,000	152,000	515,000	175,000
		PRACTICAL QUANTITATION LIMIT [PQL]	1	2	1	2
		NEW JERSEY GROUNDWATER QUALITY STANDARDS (NJGWQS) CLASS IIA	0.2	700	600	1,000
		HIGHER OF NJGWQS AND PQL	1	700	600	1,000
	23-Jul-08	3	< 1.0	< 1.0	< 5.0	< 3.0
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6
	29-Oct-08	4	< 0.2	< 0.2	< 0.2	< 0.6
	15-Jan-09	1	< 0.9	< 0.8	< 0.8	< 0.9
	5-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9
	7-Apr-09	2	< 0.9	< 0.8	< 0.8	< 0.9
	21-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9
	23-Jul-09	3	< 0.9	< 0.8	< 0.8	< 0.9
	8-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9
	10-Nov-09	4	< 0.9	< 0.8	< 0.8	< 0.9
	11-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5
	11-Feb-10	1	< 0.5	< 0.5	< 0.5	< 1.5

LEGEND

ug/L = micrograms per liter
 NJGWQS = New Jersey Groundwater Quality Standards
 ROD: Record of Decision
 NA = Not Applicable
 NS = Not Sampled
 ND: No Detection
 duplicate = Duplicate sample
 Concentration exceeds NJGWQS
 B: Analyte also detected in blank
 J: Estimated value. Value is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

NOTES

- (1) Low flow sampling initiated 1st quarter 2002
- (2) GEI series wells are piezometers installed by Weston
- (3) GEI series wells, MW-19-3, and MW-19-4 are not sampled under revised groundwater monitoring program effective 1Q05.
- (4) Recovery of initial DEHP analysis was above QC limits in the LCS. Sample was re-extracted and DEHP was again above the QC limits in the LCS/LCSD. However, DEHP was not detected in the re-analysis of the sample. The data reported here is from the re-analysis of the sample.
- (5) Recovery of initial DEHP analysis was above QC limits in the LCS. Sample was re-extracted and DEHP was again above the QC limits in the LCS/LCSD. Comparable data was observed between the two extractions. The data reported here is from the initial extraction of the sample.
- (6) NJGWQS for toluene lowered August 2007

1.2

TABLE 3 Through 1st Quarter 2010
L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring
MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾
MW-19-12	2Q06	4000	11.2 J	548	0.048 J	ND	ND	15.1	4.8 J	ND
Dilution factor for Methane 5	3Q06	170	6.4 J	822	0.36	ND	ND	22.9	170	ND
	4Q06	2	4.4 J	716	0.22	ND	ND	21.3	130	ND
	4Q06D	2	ND	718	0.17	ND	ND	21.8	130	ND
	1Q07	4	5.5	400	0.56	0.12	ND	20	ND	ND
	2Q07	55	ND	240	0.93	ND	ND	13	ND	ND
	2Q07D	8	ND	270	0.93	ND	ND	13	ND	ND
	3Q07	73	ND	290	0.89	ND	ND	13	ND	ND
	4Q07	FS	3	260	0.9	ND	ND	11	ND	ND
	1Q08	9	ND	160	0.84	ND	ND	5.7	ND	ND
	2Q08	ND	1.1	220	1	ND	ND	10	ND	ND
	3Q08	2	1.7	220	0.72	ND	ND	8.1	ND	ND
	4Q08	7	ND	269	0.79	ND	ND	16.6	ND	ND
	1Q09	4	ND	170	1.1	ND	ND	18.3	ND	ND
	2Q09	320	5.2 J	334	0.94	ND	ND	18.5	ND	ND
	3Q09	18	ND	261	0.9	6.2	ND	13.3	ND	ND
	4Q09	ND	ND	263	0.81	ND	ND	15.3	ND	ND
MW-8										
Dilution factor for Methane 10	3Q08	ND	66	300	ND	0.68	0.4	ND	3000	ND
Dilution factor for Methane 20	4Q08	5200	33.6	94.5	ND	0.35 J	ND	1.9 J	1800	ND
Dilution factor for Methane 10	1Q09	51	56.8	270	ND	0.64	0.16	ND	2600	ND
Dilution factor for Methane 50	2Q09	450	28	174	ND	ND	ND	ND	6100	ND
	3Q09	75	40	407	ND	ND	0.13	2.5 J	2400	ND
Dilution factor for Methane 20	4Q09	84	42.5	191	ND	0.53 J	ND	ND	5600	ND
Dilution factor for Nitrate, and Ammonia 5, TDS & TSS 2	1Q10	46	62	280	0.35	0.44	0.24	ND	1500	ND
MW-25R	2Q06	1100	18.8	340	ND	0.24 J	ND	2.9 J	140	ND
	3Q06	>5700	279	329	ND	0.24 J	0.14	3.3 J	30	ND
	4Q06	1000	16.8	331	ND	ND	ND	6.2	25	ND
	1Q07	240	49	300	ND	0.12	ND	ND	29	ND
	2Q07	>5700	100	340	ND	0.15	ND	5.9	33	ND
	2Q07D	>5700	100	350	ND	0.11	ND	6.4	32	ND
	3Q07	>5700	10	260	ND	ND	ND	14	ND	ND
	4Q07	FS	490	380	ND	0.41	0.43	10	ND	ND
	1Q08	>5700	140	360	ND	0.13	0.17	5.4	55	ND
	2Q08	>5700	200	330	ND	0.15	0.23	ND	130	ND
	3Q08	ND	68	380	ND	0.14	ND	ND	12	ND
	4Q08	>5700	ND	243	ND	ND	ND	16	3.5 J	ND
	1Q09	1500	36.8	344	ND	ND	ND	36.5	57	ND
	2Q09	>5700	98.8	362	ND	ND	ND	9.4	7.6 J	ND
	3Q09	2100	32.4	412	ND	ND	ND	8.5	100	ND
	4Q09	1600	160	198	ND	0.42 J	ND	12	30	ND
Dilution factor for Nitrate 5, TDS 2	1Q10	580	95	430	0.35	0.18	0.14	6.9	41	ND
MW-27s	2Q06	NR	5180	630	ND	0.26 J	4.8	43.3	20	ND
	3Q06	>5700	3850	798	ND	ND	1.4	108	3.7 J	ND
	4Q06	>5700	166	753	0.16	ND	0.82	116	2.3 J	ND
	1Q07	>5700	580	650	ND	ND	0.19	91	ND	ND
	2Q07	>5700	48	640	ND	ND	3.5	97	ND	ND
	3Q07	270	150	630	ND	ND	0.12	84	ND	ND
	4Q07	FS	260	620	0.16	0.45	ND	87	22	ND
	1Q08	>5700	850	530	0.65	ND	0.74	78	ND	ND
	2Q08	>5700	770	490	0.19	ND	0.91	67	ND	ND
Dilution factor for Phosphorus 5	3Q08	560	1,400	620	ND	0.14	17	61	11	ND
	4Q08	390	66.4	571	0.2	ND	0.085 J	68.8	ND	ND
	1Q09	190	1,200	517	0.55	ND	0.27	62.5	ND	0.0283
	2Q09	81	253	454	0.96	ND	ND	52.6	ND	ND
	3Q09	8	684	482	0.38	ND	ND	43.9	ND	ND
	4Q09	23	300	721	0.5	ND	ND	47.9	ND	ND
Dilution factor for Nitrate 5	1Q10	18	64	600	1.3	0.1	0.089	54	ND	ND
MW-28s	2Q06	6	35.2	350	ND	0.35 J	0.25	2.6 J	3100	ND
Dilution factor for Methane 200	3Q06	1,300	22	460	ND	0.26 J	0.37	ND	3,200	ND
Dilution factor for Methane 200	3Q06D	1,500	22	468	ND	ND	0.37	1.7J	3,100	ND
Dilution factor for Methane 100	4Q06	1	25	347	ND	ND	0.43	2.0 J	4,400	ND
	1Q07	460	180	350	ND	ND	0.42	ND	170	ND
	1Q07D	230	93	360	ND	ND	0.43	ND	810	0.0051
Dilution factor for Methane 10	2Q07	78	49	400	ND	0.14	0.34	ND	1,600	ND

TABLE 3 Through 1st Quarter 2010
L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring
MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005⁽²⁾
Dilution factor for Methane 4	3Q07	ND	50	350	ND	ND	0.34	ND	1,100	ND
Dilution factor for Methane 40	4Q07	320	42	330	ND	0.19	0.38	ND	1,900	ND
	1Q08	80	31	250	ND	0.14	0.36	ND	570	ND
Dilution factor for Methane 10	2Q08	11	44	360	ND	0.19	ND	ND	1,400	ND
Dilution factor for Methane 4	3Q08	ND	52	340	ND	0.17	0.4	ND	0.86	0.0056
Dilution factor for Methane 20	4Q08	82	23.6	321	ND	ND	0.31	2.3 J	1,800	ND
Dilution factor for Methane 200	1Q09	9	38.4	356	ND	0.27 J	0.32	ND	5,000	ND
Dilution factor for Methane 5	2Q09	530	6.0 J	327	ND	ND	0.24	5.8	1,000	ND
Dilution factor for Methane 50	3Q09	2	28.8	679	ND	0.36 J	0.26	ND	5,200	ND
Dilution factor for Methane 2	4Q09	54	17.2	408	ND	ND	0.16	4.2 J	460	ND
Dilution factor for Nitrate 5, TDS & TSS 2, Methane 50	1Q10	240	24.0	330	0.34	0.22	0.4	ND	2,100	ND
Dilution factor for Nitrate 5, TDS 2, Methane 50	1Q10D	210	ND	330	ND	0.21	0.4	ND	2,100	ND
MW-28i										
Dilution factor for Methane 10	2Q06	290	28	367	0.047 J	ND	0.22	2.2 J	1900	ND
Dilution factor for Methane 100	3Q06	>5,700	42.8	338	ND	ND	0.19	3.5 J	1500	ND
Dilution factor for Methane 100	4Q06	440	15.6	335	ND	ND	0.22	3.0 J	1500	ND
	1Q07	110	34	380	0.1	0.2	0.35	ND	410	ND
Dilution factor for Methane 4	2Q07	24	23	330	ND	0.27	0.29	ND	710	ND
	3Q07	37	37	300	ND	0.28	0.27	ND	560	ND
	4Q07	160	34	360	ND	0.47	0.64	5.1	370	ND
	1Q08	ND	25	290	ND	0.37	0.29	ND	170	ND
Dilution factor for Methane 10	2Q08	17	38	560	ND	0.31	0.23	ND	870	ND
	3Q08	51	29	310	ND	0.25	280	ND	410	ND
Dilution factor for Methane 5	4Q08	24	20.8	360	ND	0.54 J	0.23	6.7	500	ND
Dilution factor for Methane 10	1Q09	3	31.6	399	ND	.42 J	0.27	ND	1800	ND
Dilution factor for Methane 10	1Q09D	4	35.2	415	ND	0.54 J	0.26	ND	1700	ND
	2Q09	89	13.6	351	ND	ND	0.22	7.7	110	ND
Dilution factor for Methane 10	3Q09	ND	20	542	ND	1.1	0.21	2.6 J	2100	ND
	4Q09	4	18	445	ND	0.38 J	0.11	7.8	190	ND
	4Q09D	4	19.6	417	ND	0.47 J	0.13	7.8	180	ND
Dilution factor for Nitrate 5, TDS & TSS 2, Methane 50	1Q10	10	40	470	ND	0.49	0.34	0.96	1400	ND
MW-29s										
	2Q06	250	58.8	504	ND	11.9	0.45	4.0 J	1200	ND
Dilution factor for Methane 250	3Q06	>5700	54	546	ND	9.9	0.32	1.9 J	5000	ND
Dilution factor for Methane 100	4Q06	190	35.6	509	ND	8.3	0.29	3.9 J	5200	ND
	1Q07	30	41	510	0.14	7.5	0.34	ND	450	0.0084
Dilution factor for Methane 4	2Q07	150	56	490	ND	8.3	0.29	ND	1000	ND
Dilution factor for Methane 10	3Q07	1900	54	520	ND	8.1	0.4	ND	2500	ND
Dilution for Methane 10	4Q07	FS	66	500	ND	9.3	0.44	ND	3100	0.014
Dilution for Lead 5	1Q08	93	60	510	ND	7.5	0.34	ND	2000	ND
Dilution for Lead 5	1Q08D	120	38	510	ND	7.6	0.35	ND	1800	ND
Dilution for Methane 10	2Q08	65	40	490	ND	8.2	0.3	ND	2100	ND
Dilution factor for Methane 4	3Q08	130	20	460	ND	7.7	0.41	ND	1,700	ND
Dilution factor for Methane 50	4Q08	52	37.2	455	ND	7.2	0.35	ND	4,400	ND
Dilution factor for Methane 50	4Q08D	56	41.6	462	ND	7.2	0.34	ND	4,600	ND
Dilution factor for Methane 200	1Q09	1600	58.8	425	ND	7.2	0.32	3.0 J	6,100	ND
Dilution factor for Methane 50	2Q09	200	58	464	ND	5.8	0.28	7.3	4,000	ND
Dilution factor for Methane 100	3Q09	21	47.2	542	ND	7.5	0.31	3.3 J	4,800	ND
Dilution factor for Methane 20	4Q09	3	39	436	ND	8.9	0.25	ND	5,800	ND
Dilution for Methane 50, TSS & TDS 2, Nitrate and Ammonia 5	1Q10	110	62	440	0.36	6.4	0.38	2.1	2,800	ND
MW-30s										
	2Q06	2200	75.6	348	ND	0.86	0.17	5.2	3800	ND
Dilution factor for Methane 200	3Q06	>5700	132	457	ND	0.89	0.32	ND	2500	ND
Dilution factor for Methane 100	4Q06	>5700	147	448	ND	1.1	0.24	5.5	6500	ND
Dilution factor for Methane 10	2Q07	>5700	650	350	ND	0.94	1.6	ND	1800	ND
Dilution factor for Methane 4	3Q07	>5700	220	440	ND	1	0.34	ND	1700	ND
Dilution factor for Methane 4	3Q07D	>5700	180	400	ND	1.1	0.33	ND	1500	ND
Dilution factor for Methane 10	4Q07	>5700	120	520	ND	1.3	0.22	ND	1900	ND
Dilution factor for Methane 4	1Q08	1,100	2,300	410	ND	0.97	1.2	ND	1,300	ND
Dilution factor for Methane 10	2Q08	>5700	36	320	ND	0.93	0.26	ND	1,700	ND
Dilution factor for Methane 4	3Q08	ND	36	390	ND	2.60	0.29	ND	1,800	ND
Dilution factor for Methane 50	4Q08	2,300	18	401	ND	1.30	0.19	ND	4,100	ND
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
Dilution factor for Methane 20	2Q09	210	40	464	ND	1.3	0.14	2.0 J	3,700	ND
Dilution factor for Methane 50	3Q09	720	38.8	461	ND	1.6	0.21	ND	4,200	ND
Dilution factor for Methane 20	4Q09	720	33.2	457	ND	1.3	ND	ND	4,400	ND
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen

TABLE 3 Through 1st Quarter 2010
L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring
MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead	
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l	
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾	
MW-30i	2Q06	>5700	18.8	369	ND	1.8	0.15	8.2	1100	ND	
	Dilution factor for Methane 100	290	41.6	414	ND	0.83	0.23	3.2 J	1200	ND	
	Dilution factor for Methane 50	4Q06	40	456	ND	0.89	0.24	11.1	930	ND	
	Dilution factor for Methane 50	4Q06D	43	478	ND	ND	0.23	11.1	930	ND	
	Dilution factor for Methane 4	2Q07	36	300	ND	0.8	0.31	ND	680	ND	
	3Q07	ND	41	430	ND	1	0.33	ND	97	ND	
	4Q07	470	69	530	ND	1.1	0.45	ND	ND	ND	
	1Q08	2	33	410	ND	1.2	0.34	ND	370	ND	
	2Q08	23	27	540	ND	1	ND	ND	510	ND	
	2Q08D	16	26	300	ND	1	0.29	ND	560	ND	
	Dilution factor for Methane 4	3Q08	ND	31	390	ND	1.3	0.38	ND	790	ND
	Dilution factor for Methane 5	4Q08	6	21.6	411	ND	1.4	0.27	4.4 J	400	ND
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	670	36.8	474	ND	1.3	0.19	5.9	270	ND	
	Dilution factor for Methane 2, Ammonia Nitrogen 2	3Q09	5	28.0	431	ND	1.3	0.26	4.3 J	660	ND
	Dilution factor for Methane 2	3Q09D	6	24.8	444	ND	0.72	0.25	4.2 J	730	ND
	4Q09	13	24.0	448	ND	ND	0.14	6.1	170	ND	
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	
MW-30d	2Q06	2800	11.6	248	ND	0.30 J	ND	9.7	45	ND	
	3Q06	>5700	6.4 J	288	0.043 J	ND	ND	10.6	5.3	ND	
	4Q06	47	5.6 J	375	ND	ND	ND	12.5	22	ND	
	2Q07	130	13	240	ND	0.11	ND	10	77	ND	
	3Q07	78	9	260	ND	0.16	ND	11	ND	ND	
	4Q07	FS	20	300	ND	0.24	0.11	11	ND	ND	
	4Q07D	FS	20	270	ND	0.19	0.28	11	ND	ND	
	1Q08	790	8	300	ND	0.12	ND	9.4	47	ND	
	2Q08	420	12	370	ND	0.27	ND	5.3	140	ND	
	3Q08	ND	9.2	280	ND	0.31	0.13	9.2	16	ND	
	4Q08	40	9.2 J	309	ND	0.27 J	ND	12.7	ND	ND	
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	
	2Q09	75	9.2 J	324	0.046 J	ND	ND	14.3	5 J	ND	
	3Q09	9	6.4 J	321	ND	ND	ND	14.8	60	ND	
	4Q09	7	5.2 J	331	0.1	ND	ND	15.0	ND	ND	
	Dilution factor for Nitrate 5, Methane 4	1Q10	38	11	350	ND	0.12	0.05	10.0	90	ND
MW-31s											
	Dilution factor for Ammonia and Methane 10	2Q08	>5700	460	810	0.12	22	0.68	44	3000	ND
	Dilution factor for Ammonia and Methane 10	3Q08	ND	320	1900	ND	22	0.71	72	2100	ND
	Dilution factor for Sulfate 10 and Methane 50	4Q08	> 5700	11.5 J	502	ND	10.8	0.14	84.2	2800	ND
	Dilution factor for Methane 100	1Q09	620	35.2	629	ND	22.6	0.40	47.9	11000	ND
	Dilution factor for Sulfate and Methane 20	2Q09	> 5700	ND	556	0.056 J	6.4	ND	136	2400	ND
	Dilution factor for Methane 50	3Q09	6800	36.80	576	ND	19.8	0.12	35.9	12000	ND
	Dilution factor for Sulfate 20, and Methane 20	4Q09	100000	7.6 J	619	ND	9.1	ND	187.0	3200	ND
	Dilution factor for Nitrate 5, Ammonia 10, TSS 2, Methane 500	1Q10	230	54.00	600	ND	16.0	0.30	56.0	15000	ND
MW-32s											
	Dilution factor for Methane 10	2Q08	>5700	NS	3400	ND	2	14	8.6	4800	ND
	Dilution factor for Methane 10	3Q08	410	NS	650	ND	1.6	2.6	NS	2900	ND
	Dilution factor for Sulfate 20 and Methane 100	4Q08	> 5700	50	818	ND	1.6	0.11	200	5400	ND
	Dilution factor for Methane 200	1Q09	430	385	637	ND	0.69	ND	8.9	9500	ND
	Dilution factor for Sulfate 20 and Methane 100	2Q09	240	35.2	612	0.16	1.8	ND	122	6900	ND
	Dilution factor for Ammonia Nitrogen 3 and Methane 50	3Q09	290	113	620	ND	ND	ND	2.8 J	12000	ND
	Dilution factor for Methane 50	4Q09	5200	208	691	ND	1.2	ND	47.9	7300	ND
	Dilution factor for Nitrate 5, TDS 2, Methane 400	1Q10	4600	15	540	ND	0.53	0.13	4.7	13000	ND
MW-33s											
	Dilution factor for Methane 10	2Q08	>5700	220	310	ND	5	0.17	8	2800	0.011
	Dilution factor for Methane 10	3Q08	ND	250	380	ND	7	ND	10	2000	ND
	Dilution factor for Methane 100	4Q08	> 5700	51	358	ND	7.4	0.13	8.6	4800	ND
	Dilution factor for Methane 200	1Q09	160	122	395	ND	ND	ND	68.1	9600	ND
	Dilution factor for Methane 50	2Q09	2800	74	410	ND	6.7	0.31	4.8 J	8400	ND
	Dilution factor for Ammonia Nitrogen 2 and Methane 25	3Q09	1200	181	610	ND	5.8	0.42	12.9	5100	ND
	Dilution factor for Methane 20	4Q09	670	85	518	ND	5.8	ND	7.2	3200	ND
	Dilution factor for TDS 2, Nitrate, & Ammonia 5, Methane 200	1Q10	6700	ND	420	ND	7.2	0.06	6.2	6900	ND

TABLE 3 Through 1st Quarter 2010
L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring
MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005 ⁽²⁾
MW-34s										
	Dilution factor for Methane 10	2Q08	>5700	NS	490	ND	ND	12	3700	ND
	Dilution factor for Methane 10	3Q08	ND	NS	NS	ND	0.34	NS	2800	NS
	Dilution factor for Methane 5	4Q08	2100	ND	693	0.53	0.35 J	ND	490	ND
	Dilution for Ammonia Nitrogen 5, Methane 200	1Q09	NM	NS	NS	ND	ND	NS	7200	ND
	Dilution factor for Methane 100	2Q09	NA	26.4	369	0.16	0.38 J	ND	8.7	8600
	Dilution factor for Methane 50	3Q09	150	56.4	NS	ND	ND	4.9 J	9600	ND
	Dilution factor for Methane 20	4Q09	45	293	462	ND	ND	9.8	4400	ND
	Dilution factor for Nitrate 5, TDS 2, Methane 400	1Q10	9300	27	400	ND	0.13	ND	2.8	9200
MW-35s										
	Dilution factor for Methane is 10	2Q08	>5700	2100	570	ND	1.8	ND	13	3900
	Dilution factor for Methane is 10	3Q08	ND	85	520	ND	1.3	ND	ND	3600
	Dilution factor for Methane 100	4Q08	> 5700	22.4 J	568	ND	2.9	0.16	20.6	12000
	Dilution factor for Methane 200	1Q09	1800	37.6	499	ND	0.8	.087 J	ND	20000
	Dilution factor for Methane 200	2Q09	680	77.6	459	ND	1.1	0.19	9.4	20000
	Dilution factor for Methane 100	3Q09	50	114.0	466	ND	1.4	0.25	ND	17000
	Dilution factor for Methane 50	4Q09	1100	26.8	508	ND	0.84	ND	17.1	8400
	Dilution factor for Nitrate 5, TDS 2, Methane 1000	1Q10	680	ND	460	ND	0.24	0.08	0.9	17000
GEI-2S										
		3Q07	66	8.0	460	2.2	ND	ND	25	490
		4Q05	5	ND	10.0 J	ND	ND	0.30 J	ND	NS
		1Q06	2	ND	ND	ND	ND	ND	ND	NS
		2Q06	38	ND	ND	ND	ND	1.5 J	ND	ND*
		3Q06	ND	ND	ND	ND	ND	ND	ND	ND*
		4Q06	ND	ND	ND	ND	ND	ND	ND	ND*
		1Q07	1	ND	ND	ND	ND	ND	22	ND*
		2Q07	ND	ND	19	ND	ND	ND	ND	ND*
		3Q07	ND	ND	ND	ND	ND	ND	ND	ND*
		4Q07	ND	ND	ND	ND	0.16	ND	ND	ND*
		1Q08	ND	ND	ND	ND	0.16	ND	ND	ND*
		2Q08	ND	ND	ND	ND	ND	ND	ND	0.0051*
		3Q08	ND	ND	ND	ND	0.16	ND	ND	ND*
		4Q08	ND	ND	ND	ND	ND	ND	ND	ND*
		1Q09	ND	ND	ND	ND	ND	ND	ND	ND*
		2Q09	ND	ND	ND	ND	ND	ND	ND	ND*
		3Q09	ND	ND	ND	ND	ND	ND	ND	ND*
		4Q09	ND	ND	ND	ND	ND	ND	ND	ND*
		1Q10	ND	11	ND	0.35	ND	ND	ND	ND*
Rinsate Blank										
		1Q05	36	ND	ND	ND	ND	ND	ND	NS
		3Q05	ND	ND	ND	ND	ND	ND	ND	NS
		4Q05	ND	ND	ND	ND	ND	ND	ND	NS
		1Q06	ND	ND	ND	ND	ND	ND	ND	NS
		2Q06	120	ND	ND	ND	ND	ND	ND	ND*
		2Q06	250	ND	ND	ND	ND	ND	ND	ND*
		3Q06	45	ND	ND	ND	ND	ND	ND	ND*
		3Q06	84	ND	ND	ND	ND	ND	ND	ND*
		4Q06	56	ND	ND	ND	ND	ND	ND	ND*
		1Q07	ND	ND	ND	ND	ND	ND	ND	ND*
		1Q07	ND	ND	ND	ND	ND	ND	ND	ND*
		2Q07	1	ND	2.5	ND	ND	ND	ND	ND*
		2Q07	2	ND	ND	ND	ND	ND	ND	ND*
		3Q07	ND	ND	ND	ND	ND	ND	ND	ND*
		3Q07	ND	ND	ND	ND	ND	ND	ND	ND*
		4Q07	ND	ND	ND	ND	ND	ND	ND	ND*
		4Q07	ND	ND	11	0.17	ND	ND	ND	ND*
		1Q08	ND	ND	ND	ND	ND	ND	ND	ND*
		1Q08	ND	ND	ND	ND	0.15	ND	ND	ND*
		2Q08	ND	ND	ND	ND	ND	ND	ND	ND*
		2Q08	ND	ND	ND	ND	ND	ND	ND	ND*
		3Q08	ND	ND	ND	ND	ND	ND	ND	ND*
		3Q08	ND	ND	ND	ND	ND	ND	ND	ND*
	RB-02	4Q08	ND	ND	ND	ND	ND	ND	ND	ND*
	RB-03	4Q08	ND	ND	ND	ND	ND	ND	ND	ND*
	RB-02	1Q09	ND	ND	ND	ND	ND	ND	ND	ND*
	RB-03	1Q09	26	ND	ND	ND	ND	ND	ND	ND*
	RB-01	2Q09	1	ND	ND	ND	ND	ND	ND	ND*
	RB-02	2Q09	ND	ND	ND	ND	ND	ND	ND	ND*
	RB-01	3Q09	32	ND	ND	ND	ND	ND	ND	ND*

TABLE 3 **Through 1st Quarter 2010**
L.E.Carpenter and Company (LEC), Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring
MNA Analytical Data

Well ID	Sampling Event	Heterotrophic Plate Count	TSS	TDS	Nitrate Nitrogen	Ammonia Nitrogen	Phosphorus (total)	Sulfate ⁽¹⁾	Methane	Dissolved Lead
UNITS		cfu/ml	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	mg/l
NEW JERSEY GROUNDWATER QUALITY STANDARDS CLASS IIA		NCS	NCS	500	NCS	NCS	NCS	250	NCS	.005⁽²⁾
RB-02	3Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02	4Q09	ND	ND	ND	ND	ND	ND	ND	ND	ND*
RB-02 Dilution for Nitrate 5, TSS 2	1Q10	1	24	ND	ND	ND	ND	0.66	ND	ND*

Notes:
As mentioned in January 13, 2005 letter, only the MW-19 Hotspot wells will be sampled for MNA parameters due to the implementation of Source Reduction on the L.E. Carpenter property effective 1Q05.
Groundwater monitoring wells MW-19, MW-19-1, MW-19-2, MW-19-3, MW-19-4, MW-19-5, MW-19-6, MW-19-7, MW-19-10, MW-19-11, GEI-2S, and GEI-2I were abandoned in October 2009.
(1) Sulfate results reported through 4Q06, and starting again in 4Q08, have a dilution factor of 5, except for blank samples or unless otherwise noted.
Sulfate results reported from 1Q07 through 3Q08 have no dilution factor for sulfate unless noted otherwise.
(2) NJ CLASS IIA GWQC, NJ SWQC [FW2] and PQL are for Total Lead
NCS: No Criteria Specified by NJDEP
NS = Not Sampled
FS= Samples frozen in transit to lab.
ND = Not Detected
NA = Not Analyzed, due to lack of recharge water
Concentration exceeds NJGWQS 1.2
^L Lower Grab Sample
^U Upper Grab Sample
* Total Lead

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring
MNA Field Data

Through 1st Quarter 2010

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
MW-19-12	2Q06	0.99	7.29	-33	1046	9	16.06	4	120	100
	3Q06	0.21	7.41	5	1460	18	17.9	4	12	17
	4Q06	0.23	7.60	191	1234	10	16.72	3.5	1000	17
	1Q07	0.18	6.91	-39.6	680	8	12.29	1.5	100	10
	2Q07	2	7.24	137	473	5	18.56	0	110	11
	3Q07	2	7.45	118	463	2	19.2	0	85	0
	4Q07	9	7.55	2.7	439	8.1	9.68	0	110	<10
	1Q08	2	6.72	78.4	197.2	2	7.59	0	40	<10
	2Q08	7.4	7.09	79	386	0.12	13.31	0	110	<10
	3Q08	4.29	7.23	51	369	6	19.58	0	70	12
	4Q08	4.63	6.72	91	500	2	13.64	0.1	110	12
	1Q09	6.47	7.91	72	568	0.5	7.47	0.1	120	<10
	2Q09	9.6	7.59	18	621	7.18	9.29	0	70	6
	3Q09	4.98	7.11	123	464	1	17.23	0	70	13
	4Q09	5.7	7.86	164	507	3	13.16	0	100	15
1Q10	7.27	7.86	352	207	1	6.65	0	100	20	
MW-8	3Q08	0.06	7.04	-162	571	20	15.63	>20	260	30
	4Q08	0.23	6.99	-51	175	70	12.91	14	40	<100
	1Q09	0.1	8.08	-198	607	52.3	9.19	>10	125	30
	2Q09	0.1	7.16	12.3	268	39	8.11	>20	160	60
	3Q09	0.07	7.14	-165.1	633	13	13.34	>20	150	30
	4Q09	0.07	8.53	-177	442	28	13.01	>20	100	25
	1Q10	0.04	7.51	-193	417	48.9	8.53	>20	160	16
MW-25R	2Q06	0.47	6.77	-102	620	9	14.74	3.5	75	17
	3Q06	0.97	5.57	90.1	572	229	15.67	5	160	350
	4Q06	0.25	7.14	-41.2	517	24	11.33	1.5	90	100
	1Q07	1.8	6.80	-100.4	636	55	7.15	3	100	150
	2Q07	0.35	6.69	-65.8	453	123	14.38	3.5	40	20
	3Q07	1	6.98	-75.3	355	NM-mtr broke	18.93	0.3	75	15
	4Q07	0.6	7.15	30	616	127	6.81	2	100	110
	1Q08	0.34	7.32	-79	639	47.6	7.87	4.5	150	12.5
	2Q08	0.21	7.20	-80	601	46	10.95	4.5	150	15
	3Q08	0.24	6.55	-110.7	446	19.2	15.71	2.5	160	70
	4Q08	1.66	7.25	22.7	227	5.9	9.6	1	70	<10
	1Q09	0.71	7.22	21.8	383	8	5.00	0.5	120	<10
	2Q09	0.58	7.11	-40	376	8	6.48	2	70	7
	3Q09	0.15	6.77	-64	604	19.3	15.93	3	150	20
	4Q09	0.82	8.11	-44	726	121	10.94	2	70	20
1Q10	3.1	7.08	-46	455	45.4	3.32	2	90	25	
MW-27s	2Q06*	1.66	7.74	183	933	>1000	16.65	0	80	<10
	3Q06	0.54	7.72	45	1437	247	19.44	0	200	14
	4Q06	2.36	7.59	134	1275	>1000	16.39	0	<10	20
	1Q07	4	7.15	-10.8	1078	>1000	8.31	NM - sediment	NM - sediment	NM - sediment
	2Q07	8.29	7.09	105.6	765	>1000	15.23	NM - sediment	NM - sediment	NM - sediment
	3Q07	0.4	7.24	27	1017	>1000	17.58	NM - sediment	NM - sediment	NM - sediment
	4Q07	1	7.16	165	1002	997	11.34	NM - sediment	NM - sediment	NM - sediment
	1Q08	1	7.15	71.5	612.7	186	8.41	NM - sediment	NM - sediment	NM - sediment
	2Q08	1	7.18	111.1	735	81.1	11.43	0	22.5	85
	3Q08	3.21	6.21	46	861	184	17.09	0.8	225	135
	4Q08	2.63	6.99	34.4	626	47.2	13.67	NM - ran dry	NM - ran dry	NM - ran dry
	1Q09	1.12	7.35	51.3	522	1000	10.67	0.1	200	20
	2Q09	1.55	8.2	-71	486	62	9.08	0.6	150	15
	3Q09	0.61	7.59	15	675	24.8	15.29	1	250	20
	4Q09	5.12	8.31	-5	1180	108	15.93	NM	NM	NM
1Q10	3.04	7.82	-84.5	705	107	9.37	0.3	200	20	
MW-28s	2Q06	0.11	7.69	-478	687	12	14.38	>10	82	37
	3Q06	0.27	5.96	-101.8	831	14	17.69	>20	180	90
	4Q06	0.04	7.22	-146.8	684	20	15.27	>20	200	55
	1Q07	2.1	6.74	-176.2	650	12	9.75	>20	160	22
	2Q07	0.48	7.01	-138.3	568	36	15.36	>20	180	35
	3Q07	0.1	7.1	-132.1	576	9.6	16.99	>20	180	50
	4Q07	0.2	6.86	-120.4	634	7.03	11.97	>20	170	22
	1Q08	0.11	7.3	-169	492	11.3	9.22	15	130	20
	2Q08	0.19	6.57	-52.4	508	9.13	12.25	>10	140	35
	3Q08	0.29	6.91	-65.1	390	9.54	15.33	>20	200	35
	3Q08	1	6.8	-92	494	339	16.5	NM	NM	NM
	4Q08	0.05	6.94	-81.5	395	7.96	13.88	>20	170	<100
	1Q09	0.18	7.59	-15.3	466	9.86	9.63	>20	115	22
	2Q09	0.06	6.75	-76.6	392	9	9.26	>20	150	40

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring
MNA Field Data

Through 1st Quarter 2010

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
	3Q09	0.06	6.93	-114.2	899	9.66	14.81	>20	160	40
	4Q09	0.4	8.52	-143	830	6	13.25	>20	70	20
	1Q10	0.09	7	-132.9	502	9.6	8.71	20	35	16
MW-28i	2Q06	0.23	7.88	-126	756	8	15	>10	135	28
	3Q06	0.51	7.59	-98	649	14	16.42	18	90	27
	4Q06	0.04	7.37	-146.7	598	13	14.82	>20	150	25
	1Q07	0.2	6.80	-173.3	686	4.9	10.7	>20	140	23
	2Q07	0.18	7.07	-170	507	17	14.9	>20	145	24
	3Q07	0.1	7.15	-104.7	536	5.7	16.19	>20	170	30
	4Q07	0.26	6.59	-58.2	677	7.44	11.96	>20	160	20
	1Q08	0.01	6.81	-100.2	400.2	6	10.31	12	135	20
	2Q08	0.2	6.65	-4.8	593	7.75	12.99	>10	170	35
	3Q08	0.21	7.34	-136	530	10	14.94	>20	170	23
	4Q08	0.04	7.28	-68	442	8.81	14.23	>20	160	<100
	1Q09	0.13	7.07	-34	548	7.67	11.19	>20	150	25
	2Q09	0.05	6.35	-29.1	407	20	9.97	>20	100	60
	3Q09	0.52	7.88	-96	1007	4	13.70	20	50	50
	4Q09	0.13	8.43	-146	828	26	13.21	20	70	18
	1Q10	0.08	7.07	145.2	664	7.87	10.00	16	30	15
MW-29s	2Q06	3.63	7.32	-32	1021	68	18.45	>10	260	95
	3Q06	0.36	6.73	-109.8	1090	10	20.63	18	310	80
	4Q06	0.05	6.85	-97.9	775	11	17.04	>10	350	65
	1Q07	0.7	6.53	-163.9	902	5.6	8.77	18	240	30
	2Q07	4.03	6.71	-113.8	766	31	18.48	>10	225	25
	3Q07	0.7	6.66	-13.9	881	9.84	21.12	>20	325	100
	4Q07	0.2	7.12	-35	960	8	13.51	>20	285	75
	1Q08	0.21	7.02	-94	1027	9.92	7.87	>10	290	22
	2Q08	0.27	6.89	31.2	935	5.9	12.22	>20	250	70
	3Q08	0.08	6.61	-79.7	456	8.09	20.04	>10	300	130
	4Q08	0.09	6.91	-127	798	6	17.6	>20	250	36
	1Q09	1.14	6.72	62.8	564	6.78	9.00	20	200	50
	2Q09	0.05	7.09	-89.7	578	8	9.13	>20	350	70
	3Q09	0.07	6.47	-115.1	922	9.51	17.91	>20	250	80
	4Q09	0.21	7.85	-99	837	4	16.00	>20	220	90
	1Q10	0.1	7.08	-74	596	7.3	7.50	NM	70	35
MW-30s	2Q06	0.14	6.76	-180	672	34	16.81	>10	78	14
	3Q06	0.39	5.66	73.1	704	155	18.9	18	60	250
	4Q06	0.01	7.09	-146.1	627	94	13.46	>20	200	60
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.34	6.99	-159.4	458	213	18.55	>20	225	40
	3Q07	0.3	7.05	-128.7	696	100	19.15	>20	230	37
	4Q07	0.8	7.45	-50	871	67	7.74	>20	200	43
	1Q08	0.12	7.32	-158	825	113	4.85	>20	NM - sediment	NM - sediment
	2Q08	0.2	7.49	-47.6	484	9.42	11.43	18	160	22.5
	3Q08	0.03	6.93	-128.1	378	11.2	19.06	>10	200	70
	4Q08	0.05	6.66	-2.3	468	9.65	12.93	>20	50	20
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.17	6.94	-238	956	9.47	7.67	+20	80	40
	3Q09	0.06	6.93	-118.2	724	9.5	18.26	>20	225	50
	4Q09	0.14	8.57	-151	906	9	12.18	>20	70	25
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
MW-30i	2Q06	0.33	7.70	-194	687	8	15.22	5.5	75	19
	3Q06	0.43	7.52	-63	777	9	17.13	18	180	32
	4Q06	0.2	7.16	-144.2	827	42	14.2	>10	>1000	45
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.33	6.99	-146.8	486	41	15.23	>20	145	25
	3Q07	0.4	7.08	-19.8	661	NM-mtr broke	17.07	>20	200	29
	4Q07	1	7.39	-15	889	136	8.28	>20	200	24
	1Q08	0.13	6.7	-149	784	9.98	8.55	>20	150	18
	2Q08	0.08	7.29	-142	581	21	12.28	16	140	26
	3Q08	0.04	73.11	-136.0	552	8.56	16.62	>10	180	50
	4Q08	0.3	7.43	-133	715	6	13.57	>20	165	27
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.32	6.73	-222	930	5.7	8.75	20	50	32
	3Q09	0.05	7.06	-143.2	682	9.62	15.86	18	180	50
	4Q09	0.1	8.46	-148	878	20	12.95	14	100	18
	1Q10	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
MW-30d	2Q06	0.3	5.35	-131	449	10	14.45	2	100	30
	3Q06	2.49	7	-44	458	15	15.07	2.5	70	70

Table 4
L.E.Carpenter and Company, Borough of Wharton, Morris County, New Jersey
Quarterly Groundwater Monitoring
MNA Field Data

Through 1st Quarter 2010

Well ID	Event	DO (mg/L)	pH	ORP (mV)	Conductivity (uS/cm)	Turbidity (NTU)	Temperature (°C)	Ferrous Iron (ppm)	Alkalinity (ppm)	CO2 (mg/L)
	4Q06	0.18	7.29	-99	637	33	13.39	5	130	17
	1Q07	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q07	0.38	7.03	-95.7	340	69	14.51	3.5	115	12
	3Q07	0.8	7.24	22.6	401	NM-mtr broke	14.73	3	130	13
	4Q07	0.1	7.05	128	500	80	10.02	0.4	100	<10
	1Q08	0.45	6.8	1	487	16.3	9.19	1.5	130	<10
	2Q08	0.32	7.24	-62	504	18	12.87	2	125	14
	3Q08	0.2	7.3	-112.3	328	9.41	15.26	2.5	115	14
	4Q08	0.19	7.48	-114	532	12	12.59	6	125	13
	1Q09	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen	NS-frozen
	2Q09	0.18	7.03	-197	608	14	10.87	3	80	13
	3Q09	0.22	7.19	-110	450	14.5	13.79	2	130	13
	4Q09	0.18	8.68	-119	635	9	12.61	2	50	11
	1Q10	0.2	7.25	-87	508	9.2	10.25	2	150	11
MW-31s										
	2Q08	0.51	12.47	-192	1,499	>1000	15.74	1	225	0
	3Q08	0.97	6.54	-27	2,130	381	21.79	4.5	1000	400
	4Q08	0.16	8.13	34.7	488	7.64	12.99	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.43	10.98	71	567	15	5.45	0.1	200	0
	2Q09	0.16	8.68	-127.6	540	28	6.61	0.4	225	18
	3Q09	0.24	10.67	-144.1	795	6.22	18.68	0.5	170	NM-No Water
	4Q09	0.54	9.03	-72	1019	37	13.41	>20	100	NM-No Water
	1Q10	2.26	11.57	-148	670	79.4	4.42	0	140	0
MW-32s										
	2Q08	0.33	6.9	-86	1,105	109	12.11	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.07	6.47	-149.6	1,169	15.9	22.56	NM-No Water	NM-No Water	NM-No Water
	4Q08	0.41	6.68	-20.4	799	14	14.72	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.32	6.94	42.1	665	8	5.60	NM-No Water	NM-No Water	NM-No Water
	2Q09	0.29	6.61	-132.8	659	12	6.62	>20	250	80
	3Q09	0.19	6.63	-111.4	952	5.17	18.70	>20	500	100
	4Q09	0.3	7.77	-53	1276	169	13.04	NM-No Water	NM-No Water	NM-No Water
	1Q10	0.45	6.68	-82	687	10.3	3.89	>20	200	30
MW-33s										
	2Q08	0.77	7.29	-74	650	682	12.98	18	180	70
	3Q08	2.55	6.06	NM	616	148	26.4	>20	310	200
	4Q08	0.21	6.44	5.7	607	14	13.1	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.37	5.2	168.5	567	38	5.29	>20	225	60
	2Q09	0.61	6.79	-39.4	577	38.6	5.86	>20	350	80
	3Q09	0.18	6.56	-82.7	1226	16.9	17.63	>20	500	150
	4Q09	2.96	7.79	-46	1381	314	14.13	>20	400	35
	1Q10	0.93	6.79	-96.7	776	52.3	4.20	>20	300	25
MW-34s										
	2Q08	0.51	7.01	-111	794	7	14.84	NM-No Water	NM-No Water	NM-No Water
	3Q08	0.15	6.4	-136.3	1240	12.1	20.19	NM-No Water	NM-No Water	NM-No Water
	4Q08	0.48	6.62	50.7	686	13.5	14.83	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.27	7.33	23.9	557	9	5.90	NM-No Water	NM-No Water	NM-No Water
	2Q09	0.44	7.32	-82.5	488	10	6.57	8	300	30
	3Q09	0.36	6.51	-89	761	6.08	17.40	NM-No Water	NM-No Water	NM-No Water
	4Q09	2.72	7.66	-30	966	31	13.15	NM-No Water	NM-No Water	NM-No Water
	1Q10	0.53	6.74	-58	500	13.1	4.31	20	70	20
MW-35s										
	2Q08	0.37	6.78	-56	917	>1000	11.51	>20	310	70
	3Q08	1.5	6.35	-55	736	65	19.23	>20	260	50
	4Q08	1.35	6.87	-30.2	848	38.5	14.18	NM-No Water	NM-No Water	NM-No Water
	1Q09	0.15	7.28	3.3	607	59	5.81	>20	225	30
	2Q09	0.21	7.36	-121.9	683	53	6.40	>20	300	30
	3Q09	0.2	6.65	-108.2	896	22.2	17.49	>20	275	80
	4Q09	3.69	8.14	-56	1109	29	13.15	>20	350	30
	1Q10	0.4	6.72	-72	556	141	4.09	>20	200	25

Notes:

As mentioned in January 13, 2005 letter, only the MW-19 Hotspot wells will be sampled for MNA parameters due to the implementation of Source Reduction on the L.E. Carpenter property effective 1Q05.

Groundwater monitoring wells MW-19, MW-19-1, MW-19-2, MW-19-3, MW-19-4, MW-19-5, MW-19-6, MW-19-7, MW-19-10, MW-19-11, GEI-2S, and GEI-2I were abandoned in October 2009.

** Additional field MNA parameters not required for MW-19-9D.

(1) Laboratory analyzed for alkalinity due to destroyed field kits.

NS = Not Sampled

NM = Not Measured

^l Lower Grab Sample

^u Upper Grab Sample

* Well was not stabilized due to well going dry.

Table 5
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 1ST QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
SW-D-1												
*	8-Apr-05	2Q05	<	0.2	<	0.20	<	0.20	<	0.60	<	1.00
	26-Jul-05	3Q05	<	0.2	<	0.2	J	0.5	<	0.6	<	1.0
	26-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	J	0.2	<	0.6	J	11.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		7.3
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.9	<	1.2
Dilution factor for DEHP 1.03	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.33	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.3
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9		12.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5		51.0
SW-D-2												
	8-Apr-05	2Q05		NS		NS		NS		NS		NS
	26-Jul-05	3Q05	<	0.2	J	0.5	<	0.2		6.1		38.0
	26-Oct-05	4Q05	<	0.2	J	0.6	<	0.2	J	2.0	<	1.0
	27-Feb-06	1Q06	<	0.2	J	0.8	<	0.2	J	2.7		27.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	19-Jun-06	2Q06D	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0		11.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.5
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.4	<	1.1
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		7.1
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6		13.0
Dilution factor for DEHP 5	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9		230.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
	6-Apr-09	2Q09D	<	0.9	<	0.8	<	0.8	<	0.9	J	1.0
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	4.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	10-Nov-09	4Q09D	<	0.9	<	0.8	<	0.8	<	0.9	J	5.0
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5		18.0

Table 5
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 1ST QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS										
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)
UNITS			ug/l		ug/l		ug/l		ug/l		ug/l
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3
SW-D-3											
	8-Apr-05	2Q05	<	0.2		21.0	<	0.2		79.0	J 2.0
	26-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	J	1.1	J 7.0
	26-Oct-05	4Q05	<	0.2	J	0.4	<	0.2	J	1.4	< 1.0
	27-Feb-06	1Q06	<	0.2		1.1	<	0.2		3.9	J 6.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	J 3.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J 1.0
	11-Sep-06	3Q06D	<	0.2	<	0.2	<	0.2	<	0.6	J 3.0
	9-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	< 1.0
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	3.3
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	< 1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	1.6
Dilution factor for DEHP 1.1	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	< 1.1
Dilution factor for DEHP 1.05	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		3.8	< 1.0
	18-Feb-08	1Q08D	<	1.0	<	1.0	<	5.0		3.8	< 1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	< 1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	< 1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	< 0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	14.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	< 1.0
	21-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	J 1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	< 1.0
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	3.0
SW-D-4											
	20-Jun-06	2Q06	<	0.2	<	0.2	J	0.4	<	0.6	J 3.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J 2.0
	9-Nov-06	4Q06	<	0.2	J	0.4	<	0.2	J	0.6	< 0.9
	7-Feb-07	1Q07	<	1.0		2.0	<	5.0		3.8	3.3
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	< 1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	1.0
	4-Dec-07	4Q07	<	1.0		1.4	<	5.0	<	3.0	< 1.0
Dilution factor for DEHP 1.08	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0		4.1	< 1.1
Dilution factor for DEHP 1.08	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	< 1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	9.2
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	< 0.9
	12-Jan-09	1Q09	<	0.9		21.0	<	0.8		20.0	29.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	J 2.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	J 2.0
	20-Jul-09	3Q09D	<	0.9	<	0.8	<	0.8	<	0.9	J 2.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	J 1.0
Dilution factor for DEHP 2	13-Feb-10	1Q10	<	0.5		0.96	<	0.5	<	1.5	150.0
	13-Feb-10	1Q10D	<	0.5		0.91	<	0.5	<	1.5	43.0
SW-D-5											
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J 10.0

Table 5
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 1ST QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
	6-Nov-06	4Q06	<	0.2	J	0.2	<	0.2	J	0.8	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.4
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.1	3-Dec-07	4Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.03	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.25	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	J	4.0
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	J	2.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5		0.59	<	0.5	<	1.5	<	0.94
DRC-2												
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.5	<	0.2	J	1.9	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-1												
	20-Apr-05 ⁽¹⁾	2Q05	<	0.2		17.0	J	0.8		99.0	J	2.0
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	J	1.0
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Feb-06	1Q06	<	0.2	J	0.3	<	0.2	J	1.4	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	J	0.2	<	0.2	J	1.1	<	1.0
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.3
	3-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1

Table 5
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 1ST QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0		1.2	<	5.0		5.9	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5		0.55	<	0.5		2.8	<	0.95
SW-R-2												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-05	4Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	J	0.5	<	0.2	J	2.3	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06D	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		1.7
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.14	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-3												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	J	2.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.0
	25-Jun-07	2Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		3.9
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.05	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

Table 5
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 1ST QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
Dilution factor for DEHP 1.25	5-May-08	2Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
Dilution factor for DEHP 10	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0		150
	21-Jul-08	3Q08R		NA		NA		NA		NA		26
	15-Aug-08	3Q08 ⁽²⁾	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	15-Aug-08	3Q08 ⁽³⁾	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Oct-08	4Q08D	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	12-Jan-09	1Q09D	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-4												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0		19.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.11	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	21-Jul-08	3Q08D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
SW-R-5												
	20-Apr-05	2Q05		NS		NS		NS		NS		NS
	25-Jul-05	3Q05	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	7-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0

Table 5
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

THROUGH 1ST QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS											
	SAMPLE DATE	QUARTER	Benzene		Ethylbenzene		Toluene		Total Xylenes		bis-2-Ethylhexylphthalate (DEHP)	
UNITS			ug/l		ug/l		ug/l		ug/l		ug/l	
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DETECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1		1		5		3		1.3	
	10-Sep-07	3Q07D	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.18	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.2
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
SW-R-6												
	27-Feb-06	1Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	19-Jun-06	2Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	1.0
	11-Sep-06	3Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Nov-06	4Q06	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	6-Feb-07	1Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	25-Jun-07	2Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	10-Sep-07	3Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	4-Dec-07	4Q07	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
Dilution factor for DEHP 1.14	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
Dilution factor for DEHP 1.11	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.1
	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
	12-Jan-09	1Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
	6-Apr-09	2Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	20-Jul-09	3Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	0.9
	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	0.95
RINSE BLANK												
RB-01	18-Feb-08	1Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	5-May-08	2Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	21-Jul-08	3Q08	<	1.0	<	1.0	<	5.0	<	3.0	<	1.0
RB-01	27-Oct-08	4Q08	<	0.2	<	0.2	<	0.2	<	0.6	<	0.9
RB-01	10-Nov-09	4Q09	<	0.9	<	0.8	<	0.8	<	0.9	<	1.0
RB-01	13-Feb-10	1Q10	<	0.5	<	0.5	<	0.5	<	1.5	<	1.0

LEGEND

NA = Not Applicable

NS = Not Sampled

D = Duplicate sample

R = Sample was re-run by the laboratory

Concentration exceeds NJSWQS

38.0

B: Analyte also detected in blank

J: Estimated value. Value is greater than or equal to the Method Detection Limit (MDL) and less than the Limit of Quantitation (LOQ)

* = Detection limit is elevated due to interference from other parameter detections. Laboratory will be contacted to lower benzene detection limit to be below the NJSWQS.

(1) One surface water sample was collected near the edge of the river immediately adjacent to the location of absorbent booms that were placed in order to prevent any migration into the river of sheen observed on top of quiescent water ponded within the wetland area. Due to bottle mislabeling and laboratory error, each of the five river sample bottles (R-1 through R-5) were analyzed individually instead of as a whole set. The highest concentration detected in any of the five laboratory results for the river sample are listed under SW-R-1 for April 2005.

ug/L = micrograms per liter

Surface Water Quality Standard Reference: N.J.A.C 7:9B October 2006.

(Dover) - Washington Pond outlet downstream to Rt. 46 bridge Cat 1 FW2-TM(C1)

Table 5
L.E. CARPENTER AND COMPANY (LEC) - Borough of Wharton, Morris County, New Jersey
Surface Water Monitoring Data

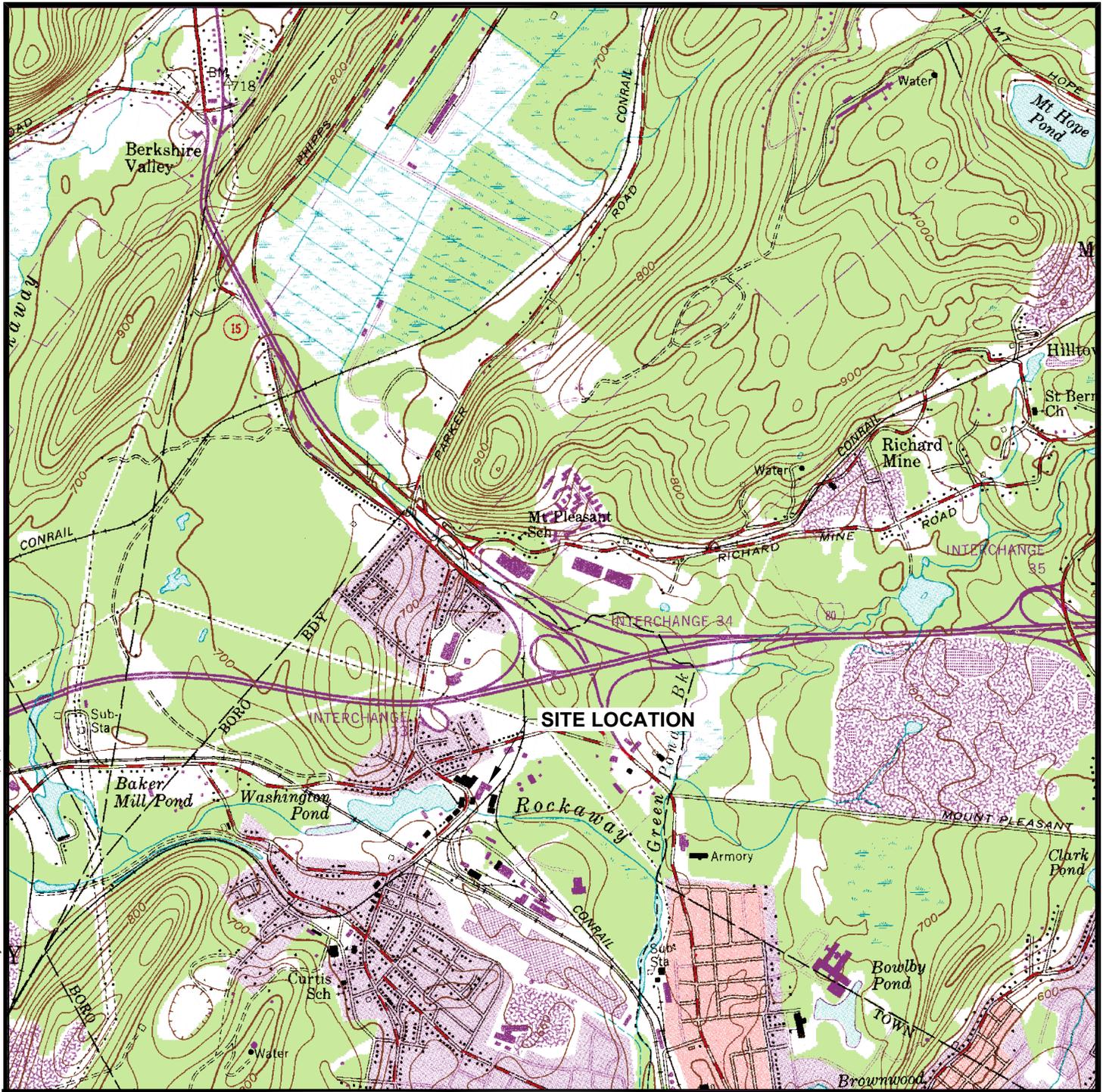
THROUGH 1ST QUARTER 2010

MONITORING WELLS	ANALYTICAL PARAMETERS						
	SAMPLE DATE	QUARTER	Benzene	Ethylbenzene	Toluene	Total Xylenes	bis-2-Ethylhexylphthalate (DEHP)
		UNITS	ug/l	ug/l	ug/l	ug/l	ug/l
APPLICABLE BACKGROUND CONCENTRATION (SW-R-6). CONCENTRATION AT OR BELOW DECTION LIMIT. N.J.A.C. 7:9B-1.5 (d)6iii			1	1	5	3	1.3

⁽²⁾ Due to believed lab contamination of the original sample, surface water location SW-R-3 was resampled and the sample aliquot was split between two labs. These results are from Environmental Science Corporation (ESC).

⁽³⁾ Due to believed lab contamination of the original sample, surface water location SW-R-3 was resampled and the sample aliquot was split between two labs. These results are from Lancaster Laboratories (Lancaster).

Figures

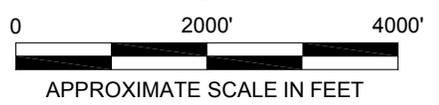
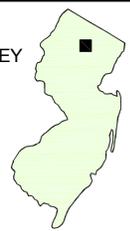


Attached Xrefs:
 Attached Images:
 Layout:

Dwg Size: 0.10 Mb
 Plot Date: April 22, 2010
 Plot Time: 10:42 AM

PLOT DATA:
 Drawing Name:
 Operator Name:
 Drawing Plot Scale:

NEW JERSEY



SOURCE

BASE MAP DEVELOPED FROM THE DOVER, NEW JERSEY 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP, DATED 1954, PHOTOREVISED 1981.



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 Ann Arbor, MI 48108-2237
 Phone: 734-971-7080 • Fax: 734-971-9022

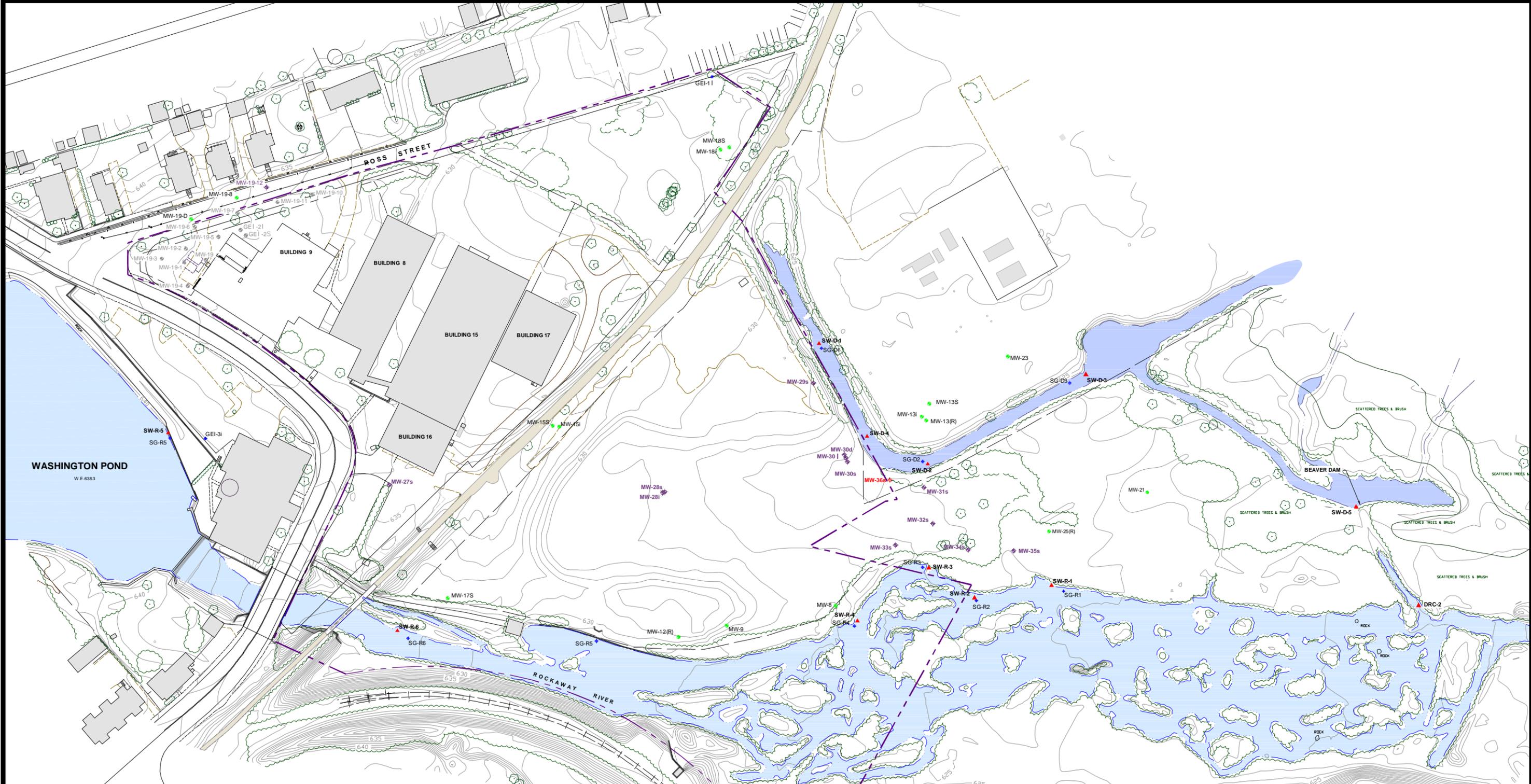
**L.E. CARPENTER
 WHARTON, NEW JERSEY**

**SITE LOCATION MAP
 1st QUARTER 2010**

DRAWN BY:	SJL
CHECKED BY:	JEO
APPROVED BY:	JDD, NC
DRAWING SCALE:	SHOWN
PROJECT NUMBER:	J:\0652741
FILE NUMBER:	6527.41.21.dwg
DATE:	April 2010

FIGURE 1

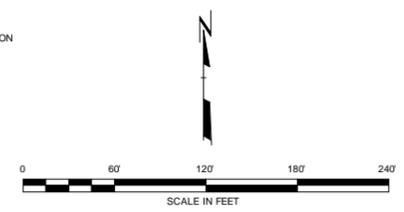
RMT COMPUTER AIDED DESIGN AND DRAFTING
 Date: 03/14/08
 Drawn: J. Stewart
 Checked: J. Stewart
 Plot Date: March 2008
 Plot Time: 4:58 PM
 Layout: Site Plan (2)
 Drawing File Name: J:\0652741\6527_41_22.dwg
 Drawing File Scale: 1:40
 Project Name: ROCKAWAY CLIA
 Drawing File Scale: 1:40



MW-36s + PROPOSED MONITORING WELL LOCATION AND NUMBER

- - - - - APPROXIMATE PROPERTY LINE
- - - - - FENCE LINE
- TREES
- MW-25(R) ● GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (S = shallow, I = intermediate, D = deep)
- MW-29s ◆ PRMP MONITORING WELL LOCATION AND NUMBER (S = shallow, I = intermediate, D = deep)
- MW-19-1 ○ ABANDONED MONITORING WELL LOCATION AND NUMBER
- SG-R1 ◆ RIVER POINT SURFACE WATER ELEVATION
- SG-D1 ◆ DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION
- GEI-2I ◆ PIEZOMETER LOCATION
- SW-R1 ▲ SURFACE WATER SAMPLING LOCATION (D = DITCH; R = RIVER)
- 630 --- POST-REMEDIATION GROUND SURFACE ELEVATIONS

- BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
- FORMER BUILDING OPERATIONS
 - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
 - BUILDING 8: LAMINATION
 - BUILDING 15 AND 17: INSPECTION, STORAGE, AND DISTRIBUTION
 - BUILDING 16: OFFICES
- MW-19 HOT SPOT ONE WELL ABANDONMENTS OCCURRED ON OCTOBER 13 - 15, 2008.



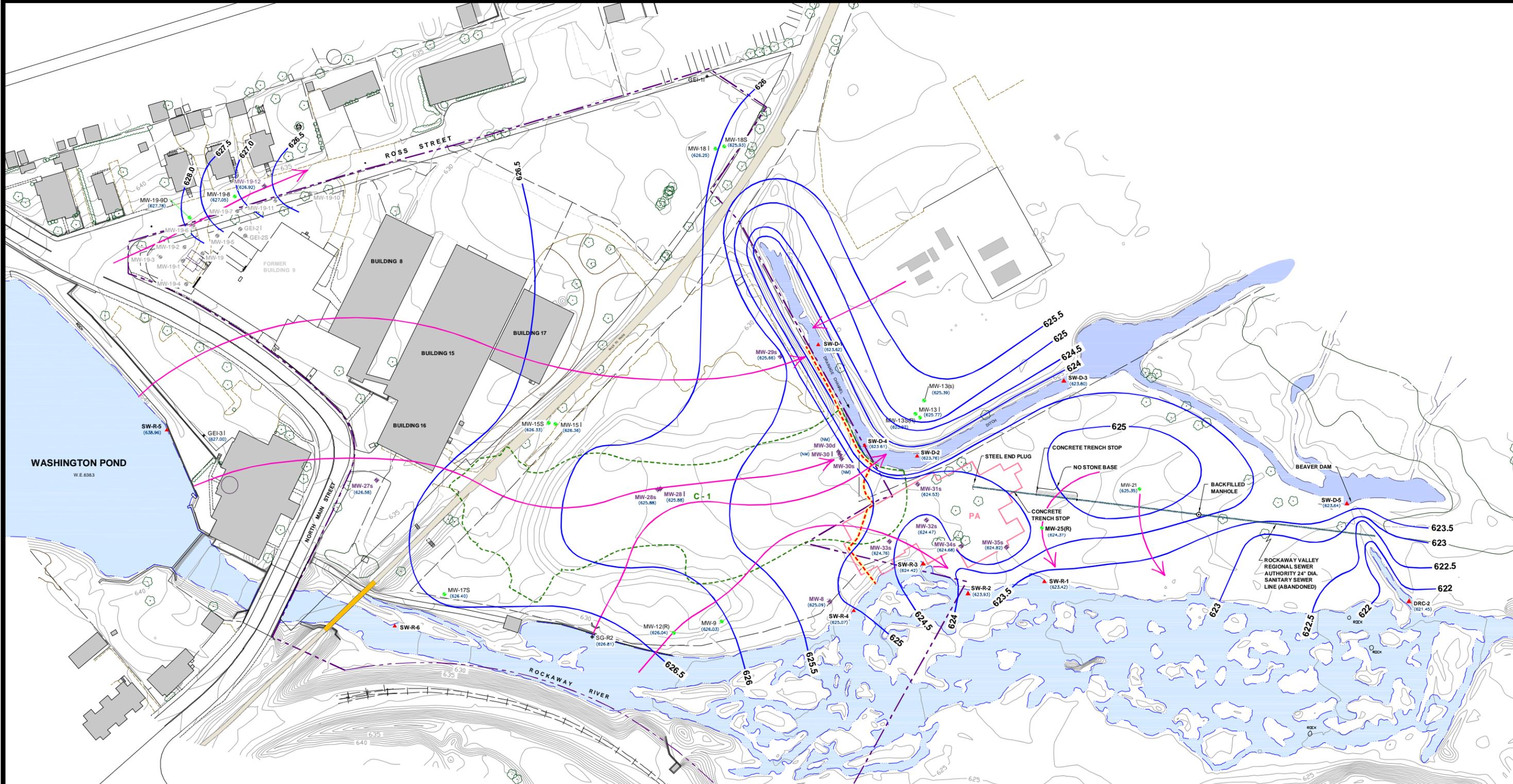
5.					
4.					
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2.					
1.					
NO.	BY	DATE	REVISION	APPD.	

L.E. CARPENTER
WHARTON, NEW JERSEY
SITE PLAN WITH SAMPLE LOCATIONS
1st QUARTER 2010

DRAWN BY:	J.S.	DRAWING SCALE:	J:\0652741
CHECKED BY:	JEO	SHOWN:	FILE NO. 6527.41.22.dwg
APPROVED BY:	JDD	DATE PRINTED:	FIGURE 2
DATE:	April 2010		

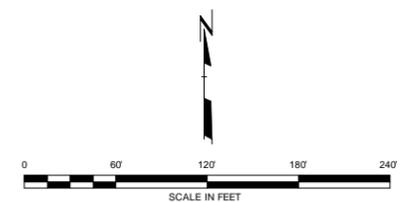
RMT
 3754 Rancho Drive
 Ann Arbor, Michigan 48106-2771
 Phone: 734-971-7080
 Fax: 734-971-9022

RMT COMPUTER AIDED DESIGN AND DRAFTING
 Date: 02/14/2010
 Plot Date: April 2008
 Plot Time: 4:28 PM
 J:\0652741\652741_23.dwg
 ROWLAND, CLIA
 Drawing File Scale: 1:40
 Layout: Well Location Map (B)



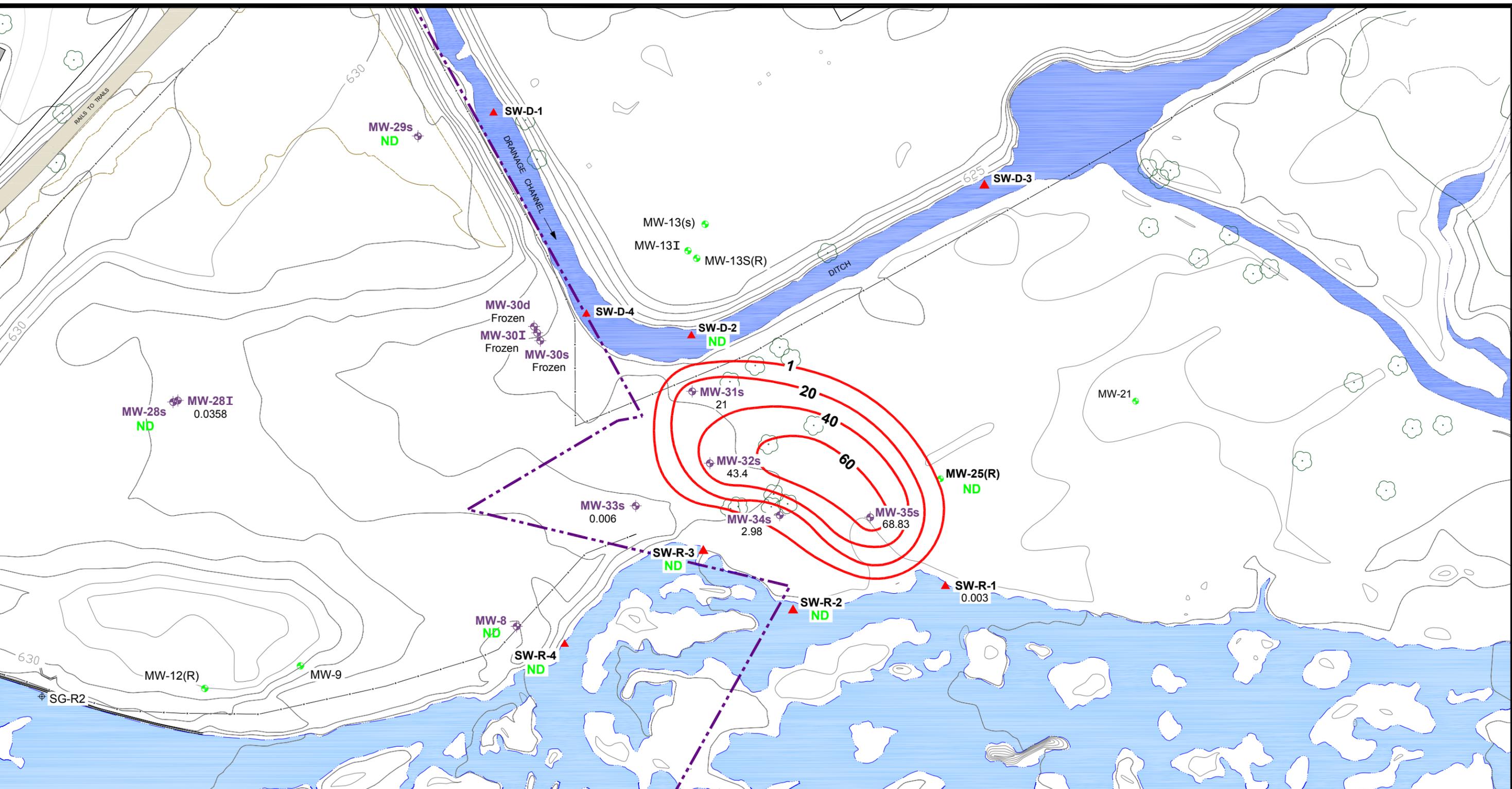
- BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS. DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
- FORMER BUILDING OPERATIONS
 - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
 - BUILDING 8: LAMINATION
 - BUILDING 15 AND 17: INSPECTION, STORAGE, AND DISTRIBUTION
 - BUILDING 16: OFFICES
- AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATERS EDGE.

<p>--- APPROXIMATE PROPERTY LINE</p> <p>--- FENCE LINE</p> <p>--- TREES</p> <p>MW-25(R) ● GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)</p> <p>MW-29s ● PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)</p> <p>MW-19-1 ● ABANDONED MONITORING WELL LOCATION AND NUMBER</p> <p>SG-R1 ● RIVER POINT SURFACE WATER ELEVATION</p> <p>SG-D1 ● DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION</p> <p>GEI-2i ● PIEZOMETER LOCATION</p> <p>SW-R-1 ● SURFACE WATER SAMPLING LOCATION (D = DITCH; R = RIVER)</p>	<p>(627.04) GROUND WATER ELEVATION</p> <p>[626] SHALLOW GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)</p> <p>→ APPROXIMATE GROUNDWATER FLOW DIRECTION</p> <p>6.30 POST-REMEDIATION GROUND SURFACE ELEVATIONS</p> <p>PA AREA WHERE PCB IMPACTED SOILS WERE EXCAVATED</p> <p>C-1 AREA WHERE THE LNAPL SMEAR ZONE OF SUBSURFACE SLURRY MONOLITH</p> <p>--- WESTERN BOUNDARY OF REGULATED WETLAND</p>
---	---



5.					
4.					
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NO.	BY	DATE	REVISION	APPD.	
L.E. CARPENTER WHARTON, NEW JERSEY SITE-WIDE SHALLOW GROUNDWATER ELEVATION CONTOURS 1st QUARTER 2010					
DRAWN BY:	S.J.L.	DRAWING SCALE:	AS INDICATED	PROJECT NO.	J:\0652741
CHECKED BY:	JEO	DATE PRINTED:	FEBRUARY 2010	FILE NO.	6527.41.23.dwg
APPROVED BY:	JDD				
DATE:	February 2010				
				FIGURE 3	
RMT				3754 Rancho Drive Ann Arbor, Michigan 48106-2771 Phone: 734-971-7080 Fax: 734-971-9022	

RMT COMPUTER AIDED DESIGN AND DRAFTING
 Date: 0:00 1/16/2010
 Plot Date: April 2008
 Plot Time: 10:50 AM
 J:\0652741\0652741_24.dwg
 LUCIDIO_SAM
 Drawing Plot Scale: 1"=40'
 Drawing Name: J:\0652741\0652741_24.dwg
 Operator Name: LUCIDIO_SAM
 Drawing Plot Scale: 1"=40'



LEGEND	
	APPROXIMATE PROPERTY LINE
	FENCE LINE
	TREES
	GROUNDWATER ELEVATION MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
	PRMP MONITORING WELL LOCATION AND NUMBER (s = shallow, i = intermediate, d = deep)
	SG-R1 RIVER POINT SURFACE WATER ELEVATION
	SG-D1 DRAINAGE CHANNEL POINT SURFACE WATER ELEVATION
	GEI-2i PIEZOMETER LOCATION
	SURFACE WATER SAMPLING LOCATION (D = DITCH, R = RIVER)
	20 ISOCONCENTRATION FOR TOTAL MAXIMUM (BTEX) ppm IN GROUNDWATER
	0.005 TOTAL (BTEX) ppm IN GROUNDWATER
	ND NOT DETECTED
	630 POST-REMEDIATION GROUND SURFACE ELEVATIONS

- NOTES**
- BASE MAP DEVELOPED FROM TOPOGRAPHIC SURVEY PROVIDED BY JAMES M. STEWART, INC. LAND SURVEYORS, DRAWING NO. 2793-03.DWG, DATED 02-14-02 AS REVISED 04-10-07 (DRAWING NO. 314907REV.DWG).
 - FORMER BUILDING OPERATIONS
 - BUILDING 9: RAW MATERIAL, DRUM STORAGE, AND PRINTING
 - BUILDING 8: LAMINATION
 - BUILDING 15 AND 17: INSPECTION, STORAGE, AND DISTRIBUTION
 - BUILDING 16: OFFICES
 - AS DESCRIBED IN THE November 2005 RAR (SEE FIGURE 9 IN THAT REPORT), THE SLURRY MONOLITH AT AND PARALLEL TO THE DRAINAGE CHANNEL DITCH ENDS APPROXIMATELY 10 FEET WEST OF THE ACTUAL WATERS EDGE.

5.					
4.					
3.					
2.					
1.					
NO.	BY	DATE	REVISION	APPD.	
L.E. CARPENTER WHARTON, NEW JERSEY					
MW-30 ISOCONCENTRATION MAP 1st QUARTER 2010					
DRAWN BY:	S.J.L.	DRAWING SCALE:	PROJECT NO. J10652741		
CHECKED BY:	RP	AS INDICATED	FILE NO. 6527.41.24.dwg		
APPROVED BY:	JDD	DATE PRINTED:	FIGURE 4		
DATE:	April 2010				
RMT		3754 Ranchero Drive Ann Arbor, Michigan 48108-2771 Phone: 734-971-7080 Fax: 734-971-9022			

Appendix A

Field Data Forms



PROJECT NAME: LE Carpenter

PROJECT NUMBER: 6527.41 Task1

PROJECT MANAGER: J. Overvoorde

SITE LOCATION: 170 N. Main Street
Wharton, NJ 07885

DATES OF FIELDWORK: 2/12/2010 TO ~~2/17/10~~ 2/16/10

PURPOSE OF FIELDWORK: 1Q10 Sampling Event

WORK PERFORMED BY: S. Pawlukiewicz

S. Pawlukiewicz 2/16/10
 SIGNED DATE

J. Overvoorde 3/1/10
 CHECKED BY DATE



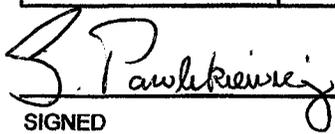
GENERAL NOTES

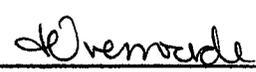
PROJECT NAME: LE Carpenter	DATE: 2/13/10	TIME ARRIVED: 0900
PROJECT NUMBER: 6527.41 Task1	AUTHOR: S. Pawlukiewicz	TIME LEFT: 1800

WEATHER		
TEMPERATURE: <u>24-32</u> °F	WIND: <u>10-20</u> MPH	VISIBILITY: <u>Overcast</u>
WORK / SAMPLING PERFORMED		
- COLLECT SURFACE WATER SAMPLES : DRG-02 , SW-D-5 , SW-R-1 , SW-R-3 , SW-R-4 , SW-D-4 (DUP-01) , SW-R-6 , SW-R-3 , SW-D-2 (MS/MCD) , SW-D-1 , RB-01 [ON SW SAMPLE SCOOP] .		
- PURGED WETLAND WELLS [MW-31s , 32s , 33s , 34s , + 35s] .		
- PURGED MW-27s DRY .		

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
N/A	N/A

COMMUNICATION		
NAME	REPRESENTING	SUBJECT / COMMENTS


 _____ 2/13/10
 SIGNED DATE


 _____ 3/1/10
 CHECKED BY DATE



GENERAL NOTES

PROJECT NAME: LE Carpenter	DATE: 2/16/10	TIME ARRIVED: 0700
PROJECT NUMBER: 6527.41 Task1	AUTHOR: S. Pawlukiewicz	TIME LEFT: 1745

WEATHER		
TEMPERATURE: 25-30°F	WIND: 5-15 MPH	VISIBILITY: SNOW
WORK / SAMPLING PERFORMED		
6W Sample : MW-35s , MW-34s , MW-32s , MW-31s , MW-33s , MW-28i , MW-28s (Dup-02) , MW-19-12 [HPC sample only per REQUEST FROM LAB] , 12B-02 [RMT BLOWER PUMP] .		

PROBLEMS ENCOUNTERED	CORRECTIVE ACTION TAKEN
N/A	N/A

COMMUNICATION		
NAME	REPRESENTING	SUBJECT / COMMENTS
J. Overmoe	RMT	Progress Update..
S. Miok	TRACE LABS	LAB REQUESTED ADD'L HPC SAMPLE FROM MW-19-12 due to problems w/ original sample AT LAB.

S. Pawlukiewicz 2/16/10
 SIGNED DATE

Overmoe 3/1/10
 CHECKED BY DATE



WATER QUALITY METER CALIBRATION LOG

PROJECT NAME: LE Carpenter	MODEL: YSI 556	SAMPLER: S. Pawlukiewicz
PROJECT NO.: 6527.41 Task1	SERIAL #: RMT GR	DATE: 2/13/10

PH CALIBRATION CHECK

pH 7 (LOT #): 9AI108 (EXP. DATE): 9/11	pH 4 / 10 (LOT #): 9AI004 (EXP. DATE): 9/2011	CAL. RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
7.10 / 7.00	4.03 / 4.00	<input checked="" type="checkbox"/> WITHIN RANGE	1509
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 2907201 (EXP. DATE): 7/2010	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
1082 / 1110	13.84	<input checked="" type="checkbox"/> WITHIN RANGE	1511
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 09F100974 (EXP. DATE): 7/2011	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
233 / 250.5	10.00	<input checked="" type="checkbox"/> WITHIN RANGE	1514
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
14.14	<input checked="" type="checkbox"/> WITHIN RANGE	1518
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		CAL. RANGE	TIME
(LOT #):	(LOT #):		
(EXP. DATE):	(EXP. DATE):		
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
694/800 / 86/100	19/20 / <1, 1	<input type="checkbox"/> WITHIN RANGE	1516
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

COMMENTS

<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
(EXP. DATE):	
CALIBRATED PARAMETERS	CALIBRATION RANGES ⁽¹⁾
<input type="checkbox"/> pH	pH: +/- 0.2 S.U.
<input type="checkbox"/> COND	COND: +/- 1% OF CAL. STANDARD
<input type="checkbox"/> ORP	ORP: +/- 25 mV
<input type="checkbox"/> D.O.	D.O.: VARIES
<input type="checkbox"/> TURB	TURB: +/- 5% OF CAL. STANDARD
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	
	⁽¹⁾ CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER

NOTES

short sampling day

PROBLEMS ENCOUNTERED

N/A

CORRECTIVE ACTIONS

--

SIGNED: S. Pawlukiewicz DATE: 2/13/10

CHECKED BY: D. Vermaarde DATE: 3/1/10



WATER QUALITY METER CALIBRATION LOG

PROJECT NAME: LE Carpenter	MODEL: YSI 556	SAMPLER: S. Pawlukiewicz
PROJECT NO.: 6527.41 Task1	SERIAL #: RMT GR	DATE: 2/15/10

PH CALIBRATION CHECK

pH 7 (LOT #): 9AI108 (EXP. DATE): 9/2011	pH 4/10 (LOT #): 9AI004 (EXP. DATE): 9/2011	CAL. RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
6.5 7.00	4.06 4.00	<input type="checkbox"/> WITHIN RANGE	0715
7.25 7.00	3.90 4.00	<input type="checkbox"/> WITHIN RANGE	1333
1	1	<input type="checkbox"/> WITHIN RANGE	
1	1	<input type="checkbox"/> WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 2907201 (EXP. DATE): 7/2010	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
898 897	3.62	<input type="checkbox"/> WITHIN RANGE	0717
1032 1112	13.83	<input type="checkbox"/> WITHIN RANGE	1335
1		<input type="checkbox"/> WITHIN RANGE	
1		<input type="checkbox"/> WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 09F100974 (EXP. DATE): 7/2011	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
266 254	7.00	<input type="checkbox"/> WITHIN RANGE	0720
238 245	14.00	<input type="checkbox"/> WITHIN RANGE	1336
1		<input type="checkbox"/> WITHIN RANGE	
1		<input type="checkbox"/> WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
10.60	<input type="checkbox"/> WITHIN RANGE	0720
12.40	<input type="checkbox"/> WITHIN RANGE	1338
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		CAL. RANGE	TIME
(LOT #): -	(LOT #): -		
(EXP. DATE): -	(EXP. DATE): -		
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
2.50 2.00	1.9 2.0	<input type="checkbox"/> WITHIN RANGE	0722
1	1	<input type="checkbox"/> WITHIN RANGE	
1	1	<input type="checkbox"/> WITHIN RANGE	
1	1	<input type="checkbox"/> WITHIN RANGE	

COMMENTS

<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	
(EXP. DATE):	
LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK	
CALIBRATED PARAMETERS	CALIBRATION RANGES ⁽¹⁾
<input type="checkbox"/> pH	pH: +/- 0.2 S.U.
<input type="checkbox"/> COND	COND: +/- 1% OF CAL. STANDARD
<input type="checkbox"/> ORP	ORP: +/- 25 mV
<input type="checkbox"/> D.O.	D.O.: VARIES
<input type="checkbox"/> TURB	TURB: +/- 5% OF CAL. STANDARD
<input type="checkbox"/>	
<input type="checkbox"/>	
<input type="checkbox"/>	

(1) CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER

NOTES

PROBLEMS ENCOUNTERED

CORRECTIVE ACTIONS

S. Pawlukiewicz 2/15/10
 SIGNED DATE

Deemoad 3/1/10
 CHECKED BY DATE



WATER QUALITY METER CALIBRATION LOG

PROJECT NAME: LE Carpenter	MODEL: YSI 556	SAMPLER: S. Pawlukiewicz
PROJECT NO.: 6527.41 Task1	SERIAL #: RMT GR	DATE: 2/16/10

PH CALIBRATION CHECK

pH 7 (LOT #): 9A1108 (EXP. DATE): 9/2011	pH 4 / 10 (LOT #): 9A1004 (EXP. DATE): 9/2011	CAL. RANGE	TIME
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
7.06 / 7.00	4.02 / 4.00	<input checked="" type="checkbox"/> WITHIN RANGE	1244
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

SPECIFIC CONDUCTIVITY CALIBRATION CHECK

CAL. READING (LOT #): 2907201 (EXP. DATE): 7/2010	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
1109 / 1108	13.66	<input checked="" type="checkbox"/> WITHIN RANGE	1246
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

ORP CALIBRATION CHECK

CAL. READING (LOT #): 09F100274 (EXP. DATE): 7/2011	TEMPERATURE (°CELSIUS)	CAL. RANGE	TIME
POST-CAL. READING / STANDARD			
242 / 244	14.00	<input checked="" type="checkbox"/> WITHIN RANGE	1247
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	
/		<input type="checkbox"/> WITHIN RANGE	

D.O. CALIBRATION CHECK

CALIBRATION READING (mg/L)	CAL. RANGE	TIME
11.30	<input checked="" type="checkbox"/> WITHIN RANGE	1250
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	
	<input type="checkbox"/> WITHIN RANGE	

TURBIDITY CALIBRATION CHECK

CALIBRATION READING (NTU)		CAL. RANGE	TIME
(LOT #): -	(LOT #): -		
(EXP. DATE): -	(EXP. DATE): -		
POST-CAL. READING / STANDARD	POST-CAL. READING / STANDARD		
26.0/26	43/100	<input checked="" type="checkbox"/> WITHIN RANGE	1249
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	
/	/	<input type="checkbox"/> WITHIN RANGE	

COMMENTS

<input type="checkbox"/> AUTOCAL SOLUTION	<input type="checkbox"/> STANDARD SOLUTION (S)
(LOT #):	LIST LOT NUMBERS AND EXPIRATION DATES UNDER CALIBRATION CHECK
(EXP. DATE):	
CALIBRATED PARAMETERS	CALIBRATION RANGES ⁽¹⁾
<input type="checkbox"/> pH	pH: +/- 0.2 S.U.
<input type="checkbox"/> COND	COND: +/- 1% OF CAL. STANDARD
<input type="checkbox"/> ORP	ORP: +/- 25 mV
<input type="checkbox"/> D.O.	D.O.: VARIES
<input type="checkbox"/> TURB	TURB: +/- 5% OF CAL. STANDARD
<input type="checkbox"/> _____	
<input type="checkbox"/> _____	

(1) CALIBRATION RANGES ARE SPECIFIC TO THE MODEL OF THE WATER QUALITY METER

NOTES

Short sampling day

PROBLEMS ENCOUNTERED	CORRECTIVE ACTIONS

S. Pawlukiewicz

SIGNED _____ DATE 2/16/10

H. Overmoore

CHECKED BY _____ DATE 3/1/10

RMT**WATER LEVEL DATA**

PROJECT NAME: LE Carpenter		DATE: 2/12/10 + 2/13/10				
PROJECT NUMBER: 6527.41 Task1		AUTHOR: S. Pawlukiewicz				
WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-19-8	1302		8.31			
MW-19-9D	1300		8.32			
MW-19-12	1304		7.54	16.71		
GEI-3I	1318		12.25			
MW-15S	1327		^{SP} 9.80 9.84			
MW-15I	1325		^{SP} 9.74 9.70			
MW-18S	1310		4.73			
MW-18I	1312		4.19			
MW-17S	1332		7.79			
MW-12R	1340		7.69			
MW-9	1344		3.55	5-10 (outer casing)		
MW-8	1350		2.80	20.25		
MW-13S	1520		5.24			
MW-13I	1522		4.29			
MW-13S (R)	1524		4.37			
MW-25R	1440		2.25	9.63		
MW-21	1302 1435		8.49 2.85	13.04		
MW-27S	1322		8.49	13.04		
MW-28S	1359		5.26	17.64		
MW-28I	1356		5.16	22.81		
MW-29S	1415		7.00	14.60		
MW-30S	1408		(FROZEN) 2.53			
MW-30I	1407		(FROZEN) 2.62			

ALL WATER LEVELS MUST INCLUDE REFERENCE POINT AND TAPE CORRECTION FACTOR
(E.G., 1.1 + 0.00 T/PVC).

S. Pawlukiewicz 2/13/10
SIGNED DATE

W. Overmoe 3/1/10
CHECKED DATE

RMT

WATER LEVEL DATA

PROJECT NAME: LE Carpenter	DATE: 2/12/10 + 2/13/10
PROJECT NUMBER: 6527.41 Task1	AUTHOR: S. Pawlukiewicz

WELL LOCATION	TIME	REFERENCE	DEPTH TO WATER (FEET)	DEPTH TO BOTTOM (FEET)	DEPTH TO PRODUCT (FEET)	WATER ELEVATION
MW-30D	SP 1406	1406	(Frozen) 2.45			
MW-31s	1449		4.80	2.53 10.33	NP	
MW-32s	1456		6.29	10.45	6.27	
MW-33s	1459		6.14	SP 10.30 10.30	NP	
MW-34s	1447		5.42	10.34	NP	
MW-35s	1443		4.37	10.25 (soft)	NP	
SW-D-1	1400		2.13			
SW-D-2	1345		2.31	(ms/msd)		
SW-D-3	1320		1.90			
SW-D-4	1200		1.32	(Dup-01)		
SW-D-5	1050		3.22			
SW-R-1	1110		2.45			
SW-R-2	1120		2.65			
SW-R-3	1135		1.85			
SW-R-4	1145		2.45			
SW-R-5	1300		1.70			
SW-R-6	1235					
DRC-2	1040		1.84			
SG-R2	1225		2.60			

ALL WATER LEVELS MUST INCLUDE REFERENCE POINT AND TAPE CORRECTION FACTOR (E.G., 1.1 + 0.00 T/PVC).

S. Pawlukiewicz 2/13/10
 SIGNED DATE

doremade 3/1/10
 CHECKED DATE

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter			PREPARED			CHECKED				
PROJECT NUMBER: 6527.41 Task1			BYS. Pawlukiewicz DATE: <u>2/13/10</u>			BY: <u>do</u>		DATE: <u>3/1/10</u>		
SAMPLE ID: <u>DRC-02</u>			WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>N/A</u>							
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>N/A</u>										
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER _____										
PURGING		TIME:	DATE:	SAMPLE		TIME: <u>1040</u>	DATE: <u>2/13/10</u>			
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER				PH:	SU	CONDUCTIVITY: _____ umhos/cm				
				ORP:	mV	DO: _____ mg/L				
DEPTH TO WATER: <u>2.08</u> T/ PVC <u>1.84</u>			TURBIDITY: _____ NTU							
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY							
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C		OTHER: _____					
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____		ODOR: _____					
COLOR: _____			ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO					
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____		FILTRATE ODOR: _____					
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or < /= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8654 8889 6622</u>
COC NUMBER: <u>LA</u>	SIGNATURE: <u>S. Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: <i>[Signature]</i> DATE: 3/1/10

SAMPLE ID: SW-D-5	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: 2/13/10	DATE: 1050
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: 3.22 T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
	TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or </= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <i>Flt Box</i>	DATE SHIPPED: <i>2/15/10</i>	AIRBILL NUMBER: <i>8854 2289 6632</i>
COC NUMBER: <i>NA</i>	SIGNATURE: <i>S. Pawlukiewicz</i>	DATE SIGNED: <i>2/15/10</i>

REVISED 03/2008

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: <u>2/13/10</u>	BY: <u>JD</u> DATE: <u>3/1/10</u>

SAMPLE ID: SW-R-1 WELL DIAMETER: 2" 4" 6" OTHER N/A

WELL MATERIAL: PVC SS IRON GALVANIZED STEEL OTHER N/A

SAMPLE TYPE: GW WW SW DI LEACHATE OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1110</u>	DATE: <u>2/13/10</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: <u>2.45</u> T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: FedEx DATE SHIPPED: 2/15/10 AIRBILL NUMBER: 8654 2089 6622

COC NUMBER: NA SIGNATURE: S Pawlukiewicz DATE SIGNED: 2/15/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: <u>JD</u> DATE: 2/11/10

SAMPLE ID: <u>SW-12-2</u>	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>N/A</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>N/A</u>	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1:20</u>	DATE: <u>2/13/10</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: <u>2.65</u> T/ PVC			ORP: _____ mV	DO: _____ mg/l	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	TEMPERATURE: _____ °C	OTHER: _____
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____	COMMENTS:	

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
<i>(The rest of the table is crossed out with a large diagonal line)</i>									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or < /= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES							
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8654 289 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter		PREPARED		CHECKED	
PROJECT NUMBER: 6527.41 Task1		BYS. Pawlukiewicz	DATE: <u>2/13/10</u>	BY: <u>JD</u>	DATE: <u>3/1/10</u>

SAMPLE ID: <u>SW-2-3</u>	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING		TIME:	DATE:	SAMPLE		TIME: <u>1135</u>	DATE: <u>2/13/10</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER				PH: _____ SU	CONDUCTIVITY: _____ umhos/cm		
DEPTH TO WATER: <u>1.85</u> T/ PVC				ORP: _____ mV	DO: _____ mg/l		
DEPTH TO BOTTOM: _____ T/ PVC				TURBIDITY: _____ NTU			
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS				<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS				TEMPERATURE: _____ °C	OTHER: _____		
COLOR: _____	ODOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY				FILTRATE COLOR: _____	FILTRATE ODOR: _____		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER				QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-			
COMMENTS:							

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____							
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>FRODOX</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>9854 2284 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: JD DATE: 3/1/10

SAMPLE ID: SW-R-4	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL	<input checked="" type="checkbox"/> OTHER N/A
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI	<input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER

PURGING	TIME:	DATE:	SAMPLE	TIME: 1145	DATE: 2/13/10
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: 245 T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C OTHER: _____		
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____ ODOR: _____		
COLOR: _____ ODOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____ FILTRATE ODOR: _____		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
INITIAL									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <=/ TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES						A - NONE		B - HNO3		C - H2SO4		D - NaOH		E - HCL		F - _____	
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N		
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N		
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N		
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N		
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N		

SHIPPING METHOD: Fed Ex	DATE SHIPPED: 2/15/10	AIRBILL NUMBER: 8654 2789 6632
COC NUMBER: NA	SIGNATURE: S Pawlukiewicz	DATE SIGNED: 2/15/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: <u>2/13/10</u>	BY: <u>JO</u> DATE: <u>3/1/10</u>

SAMPLE ID: <u>SW-R-6</u>	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>N/A</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>N/A</u>	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1235</u>	DATE: <u>2/13/10</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: _____ T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	TEMPERATURE: _____ °C	OTHER: _____
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
(The following data table is crossed out with a large diagonal line.)									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <=/ TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8854 2289 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: <u>2/13/10</u>	BY: <u>JO</u> DATE: <u>3/1/10</u>

SAMPLE ID: <u>SW-D-3</u>	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1320</u>	DATE: <u>2/13/10</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: <u>1.90</u> T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or < /= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>2/13/10</u>	AIRBILL NUMBER: <u>8654 2089 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: <u>JD</u> DATE: 3/1/10

SAMPLE ID: <u>Sw-D-2</u>	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1345</u>	DATE: <u>2/13/10</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: _____ T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input checked="" type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
<u>62</u>	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
<u>62</u>	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>Peak</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8614 2289 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: DO DATE: 2/1/10

SAMPLE ID: SW-0-1	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: 1400	DATE: 2/13/10
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: 2.13 T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
2	1 L	AMBER	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	
				<input type="checkbox"/> Y <input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N	

SHIPPING METHOD: FedEx	DATE SHIPPED: 2/13/10	AIRBILL NUMBER: 8654 2289 6632
COC NUMBER: NA	SIGNATURE: S. Pawlukiewicz	DATE SIGNED: 2/15/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: <u>2/13/10</u>	BY: <u>SD</u> DATE: <u>3/1/10</u>

SAMPLE ID: <u>R28-01</u>	WELL DIAMETER: <input type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER N/A
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER N/A	
SAMPLE TYPE: <input type="checkbox"/> GW <input type="checkbox"/> WW <input checked="" type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1415</u>	DATE: <u>2/13/10</u>
PURGE METHOD: <input type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO WATER: _____ T/ PVC			TURBIDITY: _____ NTU		
DEPTH TO BOTTOM: _____ T/ PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: _____ LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
<i>RINSE BLANK ON SW SAMPLE SCOOP</i>									
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- COND.: +/- ORP: +/- D.O.: +/- TURB: +/- or <= TEMP.: +/-

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____								
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
2	1 L	AMBER	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
				<input type="checkbox"/> Y	<input type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8604 289 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: <u>do</u> DATE: 3/1/10

SAMPLE ID: <u>MW-345</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>1534</u>	DATE: <u>2/13/10</u>	SAMPLE	TIME: <u>0845</u>	DATE: <u>2/16/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>PERISTALTIC</u>			PH: <u>6.74</u> SU	CONDUCTIVITY: <u>500</u> umhos/cm	
<input type="checkbox"/> BAILER			ORP: <u>-58</u> mV	DO: <u>0.53</u> mg/L	
DEPTH TO WATER: <u>5.40</u> T/ PVC			TURBIDITY: <u>13.1</u> NTU		
DEPTH TO BOTTOM: <u>10.34</u> T/ PVC			<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u>3.20</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>4.31</u> °C	OTHER: _____	
VOLUME REMOVED: <u>6</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>cb2</u>	ODOR: <u>yes</u>	
COLOR: <u>CLEAR</u>	ODOR: <u>YES</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<u>9</u> TURBIDITY			FILTRATE COLOR: <u>cb2</u>	FILTRATE ODOR: <u>no</u>	
<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 70 Cor: 20 Fe: 20</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1534	400	6.40	651	170	2.50	9	3.48	5.40	INITIAL
1539	↓	6.71	542	-30	0.40	22	3.71	7.30	2
1544	↓	6.77	535	-49	0.48	13	3.73	9.15	4
1549	↓	6.74	500	-58	0.53	13.1	4.31	10.34	6
(Dry)									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES							
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
2	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>2/16/10</u>	AIRBILL NUMBER: <u>8654 2289 6621</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pawlukiewicz</u>	DATE SIGNED: <u>2/16/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: <u>JD</u> DATE: 3/1/10

SAMPLE ID: <u>MW-35g</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>1557</u>	DATE: <u>2/13/10</u>	SAMPLE	TIME: <u>0805</u>	DATE: <u>2/16/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>PERISTALTIC</u> <input type="checkbox"/> BAILER	PH: <u>6.72</u> SU	CONDUCTIVITY: <u>556</u> umhos/cm	ORP: <u>-72</u> mV	DO: <u>0.40</u> mg/L	
DEPTH TO WATER: <u>4.46</u> T/ PVC	TURBIDITY: <u>16</u> NTU		<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
DEPTH TO BOTTOM: <u>10.25</u> T/ PVC	TEMPERATURE: <u>4.09</u> °C	OTHER:			
WELL VOLUME: <u>3.75</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr</u>	ODOR: <u>Strong</u>			
VOLUME REMOVED: <u>6</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				
COLOR: <u>CLEAR</u> ODOR: <u>STRONG</u>	FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>-</u>			
<u>16</u> TURBIDITY <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 200 Cor: 25 Fe: 720</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1557	400	6.72	506	-57	3.40	16	3.45	4.46	INITIAL
1602		6.71	533	-67	0.25	16.6	3.90	7.65	2
1607	↓	6.72	543	-69	0.34	17.7	3.80	9.80	4
1609		6.72	556	-72	0.40	141	4.09	10.25	6
(Dry)									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>2/16/10</u>	AIRBILL NUMBER: <u>8654 2289 6621</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pawlukiewicz</u>	DATE SIGNED: <u>2/16/10</u>

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: <i>JD</i> DATE: 3/1/10

SAMPLE ID: <i>MW-315</i>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <i>1621</i>	DATE: <i>2/13/10</i>	SAMPLE	TIME: <i>1020</i>	DATE: <i>2/16/10</i>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <i>PERISTALTIC</i> <input type="checkbox"/> BAILER			PH: <i>11.57</i> SU	CONDUCTIVITY: <i>670</i> umhos/cm	
			ORP: <i>-148</i> mV	DO: <i>2.26</i> mg/L	
DEPTH TO WATER: <i>4.76</i> TI PVC			TURBIDITY: <i>79.4</i> NTU		
DEPTH TO BOTTOM: <i>10.33</i> TI PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <i>360</i> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <i>4.42</i> °C OTHER:		
VOLUME REMOVED: <i>6</i> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <i>clr</i> ODOR: <i>yes</i>		
COLOR: <i>cloudy, blk. fumes</i> ODOR: <i>STRONG</i>			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <i>63.6</i> <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: <i>clr</i> FILTRATE ODOR: <i>no</i>		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS: <i>Alk: 300 → 140 CO₂: 0.0 Fe: 0.0</i>					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
<i>1621</i>	<i>400</i>	<i>11.37</i>	<i>759</i>	<i>-168</i>	<i>6.50</i>	<i>636</i>	<i>4.37</i>	<i>4.76</i>	INITIAL
<i>1626</i>	<i> </i>	<i>11.53</i>	<i>718</i>	<i>-155</i>	<i>0.39</i>	<i>9.37</i>	<i>4.10</i>	<i>7.50</i>	<i>2</i>
<i>1631</i>	<i> </i>	<i>11.33</i>	<i>572</i>	<i>-143</i>	<i>0.65</i>	<i>6.37</i>	<i>4.05</i>	<i>9.60</i>	<i>4</i>
<i>1634</i>	<i>✓</i>	<i>11.57</i>	<i>670</i>	<i>-148</i>	<i>2.26</i>	<i>79.4</i>	<i>4.42</i>	<i>10.33</i>	<i>6</i>
<i>(Dry)</i>									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F -									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
<i>2</i>	<i>40 mL</i>	<i>VOA</i>	<i>E</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<i>2</i>	<i>1 L</i>	<i>AMBER</i>	<i>A</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
<i>2</i>	<i>40 mL</i>	<i>VOA</i>	<i>A</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<i>1</i>	<i>125 mL</i>	<i>PLASTIC</i>	<i>B</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
<i>1</i>	<i>100 mL</i>	<i>PLASTIC</i>	<i>F</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
<i>1</i>	<i>250 mL</i>	<i>GLASS</i>	<i>A</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
<i>1</i>	<i>125 mL</i>	<i>PLASTIC</i>	<i>C</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <i>FedEx</i>	DATE SHIPPED: <i>2/16/10</i>	AIRBILL NUMBER: <i>8854 2829 8621</i>
COC NUMBER: <i>NA</i>	SIGNATURE: <i>S Pawlukiewicz</i>	DATE SIGNED: <i>2/16/10</i>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: <u>JO</u> DATE: 3/1/10

SAMPLE ID: <u>MW - 33c</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>1644</u>	DATE: <u>2/13/10</u>	SAMPLE	TIME: <u>1100</u>	DATE: <u>2/16/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>PERISTALTIC</u>			PH: <u>6.79</u> SU	CONDUCTIVITY: <u>776</u> umhos/cm	
<input type="checkbox"/> BAILER			ORP: <u>-96.7</u> mV	DO: <u>0.93</u> mg/L	
DEPTH TO WATER: <u>6.10</u> TI PVC			TURBIDITY: <u>52.3</u> NTU		
DEPTH TO BOTTOM: <u>10.30</u> TI PVC			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u>2.72</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>4.20</u> °C	OTHER: _____	
VOLUME REMOVED: <u>2.72</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>clr</u>	ODOR: <u>NO</u>	
COLOR: <u>Clay, Orange/Rk. Flakes</u> ODOR: <u>NO</u>			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<u>62.9</u> TURBIDITY			FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>NO</u>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 300 CO₂: 25 Fe: >20</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1644	400	7.65	764	-140	6.00	62.9	4.18	6.10	INITIAL
1649	↓	6.79	776	-96.7	0.93	52.3	4.20	<u>10.30</u>	2
(Dry)									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES											
		A - NONE		B - HNO3		C - H2SO4		D - NaOH		E - HCL		F - _____	
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED			
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N		
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N		
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N		
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N		
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N		

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>2/16/10</u>	AIRBILL NUMBER: <u>8654 2289 6621</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pawlukiewicz</u>	DATE SIGNED: <u>2/16/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: JD DATE: 2/11/10

SAMPLE ID: MW-325	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: 1700	DATE: 2/13/10	SAMPLE	TIME: 0930	DATE: 2/16/10
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Peristaltic</u> <input type="checkbox"/> BAILER			PH: <u>6.68</u> SU CONDUCTIVITY: <u>687</u> umhos/cm		
DEPTH TO WATER: <u>6.22</u> TI PVC			ORP: <u>-82</u> mV DO: <u>0.45</u> mg/L		
DEPTH TO BOTTOM: <u>10.45</u> TI PVC			TURBIDITY: <u>10.3</u> NTU <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u>2.74</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>3.89</u> °C OTHER:		
VOLUME REMOVED: <u>2.74</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>clr.</u> ODOR: <u>Strong</u>		
COLOR: <u>Cloudy, orange / Blk. Flakes</u> ODOR: <u>Strong</u>			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
89 TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: <u>clr.</u> FILTRATE ODOR: <u>-</u>		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS: <u>Alk: 200 Cor: 30 Fe: >20</u>					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1700	400	6.68	697	-74	12.00	89.0	3.37	6.22	INITIAL
1705 (Dry)	↓	6.68	687	-82	0.45	10.3	3.89	10.22	2
								10.45	

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>2/16/10</u>	AIRBILL NUMBER: <u>8654 2289 6621</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pawlukiewicz</u>	DATE SIGNED: <u>2/16/10</u>

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/13/10	BY: <u>SD</u> DATE: 2/1/10

SAMPLE ID: <u>MW-27s</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>1730</u>	DATE: <u>2/13/10</u>	SAMPLE	TIME: <u>VARIES</u>	DATE: <u>VARIES</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>PERISTALTIC</u> <input type="checkbox"/> BAILER	PH: <u>7.82</u> SU	CONDUCTIVITY: <u>705</u> umhos/cm	ORP: <u>-84.5</u> mV	DO: <u>3.04</u> mg/L	
DEPTH TO WATER: <u>8.50</u> TI PVC	TURBIDITY: <u>107</u> NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: <u>13.04</u> TI PVC	TEMPERATURE: <u>9.37</u> °C	OTHER: _____			
WELL VOLUME: <u>2.94</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr</u>	ODOR: <u>NO</u>			
VOLUME REMOVED: <u>5</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				
COLOR: <u>Cloudy</u> ODOR: <u>NO</u>	FILTRATE COLOR: <u>clr.</u>	FILTRATE ODOR: <u>NO</u>			
93.4 TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 200 CO2: 20 FERROUS: 0.3</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL ORL)
1730	400	7.70	656	-32.2	6.75	93.4	8.72	8.50	INITIAL
1735	↓	7.98	696	-50.8	1.93	91.1	9.32	11.30	2
1740	↓	7.69	717	-86.9	3.00	107	9.21	12.30	4
1742		7.82	705	-84.5	3.04	-	9.37	13.04	5
(Dry)									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	2/14/10 E 1330	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	2/14/10 A 1330	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	2/14/10 A 1330	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	2/15/10 B 1630	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 mL	PLASTIC	2/15/10 F 1630	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	2/14/10 A 1330	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	2/14/10 C 1330	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8654 2289 8632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/15/10	BY: <u>DO</u> DATE: 3/1/10

SAMPLE ID: <u>MW-19-12</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>0739</u>	DATE: <u>2/15/10</u>	SAMPLE	TIME: <u>0804</u>	DATE: <u>2/15/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>BIA 2062</u> <input type="checkbox"/> BAILER	PH: <u>7.86</u> SU	CONDUCTIVITY: <u>207</u> umhos/cm	ORP: <u>352</u> mV	DO: <u>7.27</u> mg/L	
DEPTH TO WATER: <u>7.60</u> TI PVC	TURBIDITY: <u>1</u> NTU		<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
DEPTH TO BOTTOM: <u>16.71</u> TI PVC	TEMPERATURE: <u>6.65</u> °C	OTHER: _____			
WELL VOLUME: <u>5.90</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>cl2</u>	ODOR: <u>NO</u>			
VOLUME REMOVED: <u>10</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				
COLOR: <u>cl2</u> ODOR: <u>NO</u>	FILTRATE COLOR: <u>cl2</u>	FILTRATE ODOR: <u>NO</u>			
<u>48</u> TURBIDITY <input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>AK: 100 CO2: 70 fumes</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0739	400	7.22	300	218	8.37	4.8	5.00	7.60	INITIAL
0744	↓	6.79	205	253	6.78	7	6.43	7.70	2
0749	↓	7.56	206	315	7.16	4	6.59	7.70	4
0754	↓	7.59	206	344	7.22	2	6.56	7.70	6
0759	↓	7.57	206	349	7.26	1	6.58	7.70	8
0804	↓	7.86	207	352	7.27	1	6.65	7.70	10

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	100 mL	plastic	F	<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	4	2/16/10	1530		<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>2/15/10 + 2/16/10</u>	AIRBILL NUMBER: <u>8654 2289/6628 + 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/15/10	BY: <u>DO</u> DATE: 3/1/10

SAMPLE ID: <u>MW-295</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> VVV <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>0857</u>	DATE: <u>2/15/10</u>	SAMPLE	TIME: <u>0927</u>	DATE: <u>2/15/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Blower</u>			PH: <u>7.08</u> SU	CONDUCTIVITY: <u>596</u> umhos/cm	
<input type="checkbox"/> BAILER			ORP: <u>-74</u> mV	DO: <u>0.10</u> mg/L	
DEPTH TO WATER: <u>7.10</u> T/ PVC			TURBIDITY: <u>7.3</u> NTU		
DEPTH TO BOTTOM: <u>14.60</u> T/ PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u>4.9</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>7.50</u> °C	OTHER: _____	
VOLUME REMOVED: <u>12</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>clr</u>	ODOR: <u>NO</u>	
COLOR: <u>cloudy</u>	ODOR: <u>NO</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<u>62</u> TURBIDITY			FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>NO</u>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>alk 70</u> <u>6.35</u> <u>flows:</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
0857	400	6.98	551	10.0	3.60	62	5.44	7.10	INITIAL
0902	↓	7.10	590	-55	0.51	89	7.22	7.25	2
0907		7.10	594	-60	0.20	47	7.39	7.25	4
0912		7.09	593	-62	0.15	28	7.35	7.25	6
0917		7.08	585	-65	0.12	18	7.44	7.25	8
0922		7.09	596	-70	0.11	11	7.51	7.25	10
0927		7.08	596	-74	0.10	7.3	7.50	7.25	12

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8654 289 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/15/10	BY: <u>JD</u> DATE: 3/1/10

SAMPLE ID: <u>MW-25 (R)</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>1048</u>	DATE: <u>2/15/10</u>	SAMPLE	TIME: <u>1158</u>	DATE: <u>2/15/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Balloon Blower</u>			PH: <u>7.08</u>	SU	CONDUCTIVITY: <u>455</u> umhos/cm
<input type="checkbox"/> BAILER			ORP: <u>-46</u> mV	DO: <u>3.10</u> mg/L	
DEPTH TO WATER: <u>8.70</u> TI PVC			TURBIDITY: <u>45.4</u> NTU		
DEPTH TO BOTTOM: <u>9.63</u> TI PVC			<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <u>3.8</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <u>3.30</u> °C	OTHER:	
VOLUME REMOVED: <u>28</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <u>clr</u>	ODOR: <u>NO</u>	
COLOR: <u>Brown</u>	ODOR: <u>NO</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<u>71000</u> TURBIDITY			FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>NO</u>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input checked="" type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			COMMENTS: <u>Alk: 90 Co₂: 25 Fe: 2</u>		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1018	400	7.73	415	-46	7.67	71000	4.42	8.70	INITIAL
1053		7.39	423	-50	0.40	71000	5.32	3.90	2
1058		7.30	456	-54	2.02	976	5.08	3.90	4
1103	✓	7.19	468	-57	2.20	330	4.59	3.90	6
1108		7.14	469	-58	1.94	191	4.24	3.90	8
1113		7.13	466	-59	2.26	134	4.01	3.90	10
1118		7.12	463	-57	2.35	116	3.57	3.90	12
1123		7.11	466	-57	2.29	77.7	3.72	3.90	14
1128		7.11	459	-57	3.60	68.7	3.70	3.90	16
1133	✓	7.12	454	-56	3.23	55.4	3.60	3.90	18

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8654 2289 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

(CONTINUED FROM PREVIOUS PAGE)

PROJECT NAME: LE Carpenter		PREPARED		CHECKED	
PROJECT NUMBER: 6527.41 Task1		BY: Pawlukiew	DATE: 2/15/10	BY: JO	DATE: 3/1/10

SAMPLE ID: MW-25(R)

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1138	400	7.11	456	-54	2.75	6.4	3.58	3.90	20
1143	↓	7.10	453	-52	2.80	53.8	3.48	3.90	22
1148		7.09	454	-51	2.60	46.6	3.52	3.90	24
1153		7.09	455	-48	2.95	43.7	3.49	3.90	26
1158		7.08	455	-46	3.10	45.4	3.32	3.90	28

SIGNATURE: S. Pawlukiew

DATE SIGNED: 2/15/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/15/10	BY: <i>JD</i> DATE: 3/1/10

SAMPLE ID: <i>MW-300</i>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <i>1349</i>	DATE: <i>2/15/10</i>	SAMPLE	TIME: <i>1434</i>	DATE: <i>2/15/10</i>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <i>DEDICATED BLOWER</i>			PH: <i>7.25</i> SU	CONDUCTIVITY: <i>508</i> umhos/cm	
<input type="checkbox"/> BAILER			ORP: <i>-87</i> mV	DO: <i>0.20</i> mg/L	
DEPTH TO WATER: <i>243</i> TI PVC (FROZEN)			TURBIDITY: <i>9.2</i> NTU		
DEPTH TO BOTTOM: <i>---</i> TI PVC			<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY		
WELL VOLUME: <i>---</i> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: <i>10.25</i> °C	OTHER: <i>---</i>	
VOLUME REMOVED: <i>18</i> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: <i>clr</i>	ODOR: <i>No</i>	
COLOR: <i>Thick orange plastics</i>	ODOR: <i>No</i>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
<i>71000</i> TURBIDITY			FILTRATE COLOR: <i>clr</i>	FILTRATE ODOR: <i>No</i>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input checked="" type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <i>Alk: 150 CO2: 11 Ferrus: 2</i>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
<i>1349</i>	<i>400</i>	<i>6.76</i>	<i>488</i>	<i>196.0</i>	<i>3.60</i>	<i>71000</i>	<i>8.10</i>	<i>243*</i>	INITIAL
<i>1354</i>	<i> </i>	<i>7.07</i>	<i>451</i>	<i>48.0</i>	<i>0.18</i>	<i>667</i>	<i>10.00</i>	<i>-</i>	<i>2</i>
<i>1359</i>	<i> </i>	<i>7.18</i>	<i>467</i>	<i>-6.9</i>	<i>0.22</i>	<i>86</i>	<i>9.97</i>	<i>-</i>	<i>4</i>
<i>1404</i>	<i> </i>	<i>7.24</i>	<i>475</i>	<i>-49</i>	<i>0.23</i>	<i>36.2</i>	<i>10.16</i>	<i>-</i>	<i>6</i>
<i>1408</i>	<i>✓</i>	<i>7.21</i>	<i>482</i>	<i>-65</i>	<i>0.21</i>	<i>27.9</i>	<i>10.14</i>	<i>-</i>	<i>8</i>
<i>1414</i>	<i> </i>	<i>7.25</i>	<i>489</i>	<i>-74.2</i>	<i>0.22</i>	<i>29.5</i>	<i>10.19</i>	<i>-</i>	<i>10</i>
<i>1419</i>	<i> </i>	<i>7.28</i>	<i>498</i>	<i>-80.0</i>	<i>0.21</i>	<i>40.2</i>	<i>10.32</i>	<i>-</i>	<i>12</i>
<i>1424</i>	<i> </i>	<i>7.28</i>	<i>503</i>	<i>-84.0</i>	<i>0.22</i>	<i>13.8</i>	<i>10.28</i>	<i>-</i>	<i>14</i>
<i>1429</i>	<i> </i>	<i>7.24</i>	<i>503</i>	<i>-86.0</i>	<i>0.21</i>	<i>13.0</i>	<i>10.18</i>	<i>-</i>	<i>16</i>
<i>1434</i>	<i>✓</i>	<i>7.25</i>	<i>508</i>	<i>-87.0</i>	<i>0.20</i>	<i>9.2</i>	<i>10.25</i>	<i>-</i>	<i>18</i>

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____												
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
<i>2</i>	<i>40 mL</i>	<i>VOA</i>	<i>E</i>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<i>2</i>	<i>1 L</i>	<i>AMBER</i>	<i>A</i>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					
<i>2</i>	<i>40 mL</i>	<i>VOA</i>	<i>A</i>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	<i>1</i>	<i>125 mL</i>	<i>PLASTIC</i>	<i>B</i>	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
<i>1</i>	<i>100 mL</i>	<i>PLASTIC</i>	<i>F</i>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
<i>1</i>	<i>250 mL</i>	<i>GLASS</i>	<i>A</i>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					
<i>1</i>	<i>125 mL</i>	<i>PLASTIC</i>	<i>C</i>	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N					

SHIPPING METHOD: <i>FEDEX</i>	DATE SHIPPED: <i>2/15/10</i>	AIRBILL NUMBER: <i>8854 2289 6632</i>
COC NUMBER: <i>NA</i>	SIGNATURE: <i>S Pawlukiewicz</i>	DATE SIGNED: <i>2/15/10</i>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/15/10	BY: <i>JD</i> DATE: 3/1/10

SAMPLE ID: MW-30i	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> CS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME:	DATE:
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: _____ T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
WELL VOLUME: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____			FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY: <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
COMMENTS:					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
<i>Well not sampled. WATER FROZEN IN Well.</i>									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: _____	DATE SHIPPED: _____	AIRBILL NUMBER: _____
COC NUMBER: _____	SIGNATURE: <i>S. Pawlukiewicz</i>	DATE SIGNED: 2/15/10

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: <u>2/15/10</u>	BY: <u>SO</u> DATE: <u>3/1/10</u>

SAMPLE ID: <u>MW-30s</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME:	DATE:
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: _____ T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU		
WELL VOLUME: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	TEMPERATURE: _____ °C	OTHER: _____
VOLUME REMOVED: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____	COMMENTS:	

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL
<u>WELL NOT SAMPLED. WATER FROZEN IN WELL.</u>									

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: _____	DATE SHIPPED: _____	AIRBILL NUMBER: _____
COC NUMBER: _____	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter		PREPARED		CHECKED	
PROJECT NUMBER: 6527.41 Task1		BYS. Pawlukiewicz	DATE: 2/15/10	BY: 20	DATE: 3/1/10
SAMPLE ID: Mw-8		WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input checked="" type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER			
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input checked="" type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER					
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER					

PURGING		TIME: 1515	DATE: 2/15/10	SAMPLE		TIME: 1545	DATE: 2/15/10
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>Bleed off</u>				PH: 7.51	SU	CONDUCTIVITY: 417 umhos/cm	
<input type="checkbox"/> BAILER				ORP: -193.0 mV	DO: 0.04 mg/L		
DEPTH TO WATER: 2.80 TI PVC				TURBIDITY: 48.9 NTU			
DEPTH TO BOTTOM: 20.25 TI PVC				<input type="checkbox"/> NONE <input checked="" type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
WELL VOLUME: 17.5 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS				TEMPERATURE: 8.52 °C		OTHER:	
VOLUME REMOVED: 12 <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS				COLOR: <u>clr</u>		ODOR: <u>NO</u>	
COLOR: <u>cloudy, blk. floaties</u>		ODOR: <u>NO</u>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
96.2 TURBIDITY				FILTRATE COLOR: <u>clr</u>		FILTRATE ODOR: <u>NO</u>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY				QC SAMPLE: <input checked="" type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-			
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER				COMMENTS: <u>Alk: 160</u> <u>Co2: 16</u> <u>Focus!</u> >20			

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OF L)
1515	400	7.22	405	-127.0	1.74	96.2	8.62	2.80	INITIAL
1520	↓	7.44	420	-171	0.11	73.8	8.83	-	SP-2.80-2
1525		7.48	420	-189	0.07	62.8	8.81	-	4
1530		7.50	419	-191.5	0.06	52.2	8.73	-	6
1535		7.50	418	-196.0	0.04	52.0	8.68	-	8
1540		7.49	416	-195.4	0.04	48.0	8.54	-	10
1545		7.51	417	-193.0	0.04	48.9	8.52	-	12

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN 1.

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or < TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES							
		A - NONE	B - HNO3	C - H2SO4	D - NaOH	E - HCL	F -		
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED
42	40 mL	VOA	E	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	42	1 L	AMBER	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N
42	40 mL	VOA	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	2A	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
22	100 mL	PLASTIC	F	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
2A	250 mL	GLASS	A	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N
2A	125 mL	PLASTIC	C	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N					<input type="checkbox"/> Y <input type="checkbox"/> N

SHIPPING METHOD: <u>FeoEx</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8654 2089 6652</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S. Pawlukiewicz</u>	DATE SIGNED: <u>2/15/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: <u>2/15/10</u>	BY: <u>DO</u> DATE: <u>3/1/10</u>

SAMPLE ID: AIM-01 WELL DIAMETER: 2" 4" 6" OTHER N/A

WELL MATERIAL: PVC SS IRON GALVANIZED STEEL OTHER N/A

SAMPLE TYPE: GW WW SW DI LEACHATE OTHER

PURGING	TIME: _____	DATE: _____	SAMPLE	TIME: <u>1615</u>	DATE: <u>2/15/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____	SU _____	CONDUCTIVITY: _____ umhos/cm
DEPTH TO WATER: _____ T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
WELL VOLUME: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____	ODOR: _____		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP- _____		
COMMENTS: _____					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FEDEX</u>	DATE SHIPPED: <u>2/15/10</u>	AIRBILL NUMBER: <u>8604 2289 6682</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>[Signature]</u>	DATE SIGNED: <u>2/15/10</u>

RMT WATER SAMPLE LOG

PROJECT NAME: LE Carpenter		PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1		BYS. Pawlukiewicz	DATE: 2/16/10 BY: <i>DO</i> DATE: 3/1/10
SAMPLE ID: <i>MW-28i</i>		WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER	
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER			
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER			

PURGING		TIME: <i>1252</i>	DATE: <i>2/16/10</i>	SAMPLE		TIME: <i>1332</i>	DATE: <i>2/16/10</i>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <i>Bladder</i>				PH: <i>7.07</i>	SU	CONDUCTIVITY: <i>664</i> umhos/cm	
<input type="checkbox"/> BAILER				ORP: <i>145.2</i> mV	DO: <i>0.08</i>	mg/L	
DEPTH TO WATER: <i>5.16</i> TI PVC				TURBIDITY: <i>6.08</i> <i>7.87</i> NTU			
DEPTH TO BOTTOM: <i>22.81</i> TI PVC				<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
WELL VOLUME: <i>17.65</i> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS				TEMPERATURE: <i>10.00</i> °C		OTHER:	
VOLUME REMOVED: <i>16</i> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS				COLOR: <i>clr</i>		ODOR: <i>NO</i>	
COLOR: <i>clougy</i>		ODOR: <i>NO</i>		FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
<i>205</i> TURBIDITY				FILTRATE COLOR: <i>clr</i>		FILTRATE ODOR: <i>NO</i>	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY				QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-			
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER		COMMENTS: <i>Alk: 30 Co2: 15 Ferrus: 16</i>					

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
<i>1252</i>	<i>400</i>	<i>6.40</i>	<i>537</i>	<i>32.0</i>	<i>2.75</i>	<i>205</i>	<i>7.70</i>	<i>5.16</i>	INITIAL
<i>1257</i>	↓	<i>6.90</i>	<i>549</i>	<i>-95.0</i>	<i>0.17</i>	<i>80.8</i>	<i>9.71</i>	-	<i>2</i>
<i>1302</i>	↓	<i>6.99</i>	<i>579</i>	<i>-114.6</i>	<i>0.12</i>	<i>50.1</i>	<i>9.72</i>	-	<i>4</i>
<i>1307</i>	↓	<i>7.04</i>	<i>621</i>	<i>-124.3</i>	<i>0.11</i>	<i>26.0</i>	<i>9.86</i>	-	<i>6</i>
<i>1312</i>	↓	<i>7.06</i>	<i>645</i>	<i>-132.9</i>	<i>0.10</i>	<i>15.8</i>	<i>9.80</i>	-	<i>8</i>
<i>1317</i>	↓	<i>7.06</i>	<i>651</i>	<i>-138.7</i>	<i>0.09</i>	<i>12.7</i>	<i>9.83</i>	-	<i>10</i>
<i>1322</i>	↓	<i>7.07</i>	<i>659</i>	<i>-141.2</i>	<i>0.09</i>	<i>12.8</i>	<i>9.86</i>	-	<i>12</i>
<i>1327</i>	↓	<i>7.07</i>	<i>661</i>	<i>-143.5</i>	<i>0.09</i>	<i>12.7</i>	<i>9.90</i>	-	<i>14</i>
<i>1332</i>	↓	<i>7.07</i>	<i>664</i>	<i>145.2</i>	<i>0.08</i>	<i>7.87</i>	<i>10.00</i>	-	<i>16</i>

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F -									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
<i>2</i>	<i>40 mL</i>	<i>VOA</i>	<i>E</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<i>2</i>	<i>1 L</i>	<i>AMBER</i>	<i>A</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
<i>2</i>	<i>40 mL</i>	<i>VOA</i>	<i>A</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<i>1</i>	<i>125 mL</i>	<i>PLASTIC</i>	<i>B</i>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
<i>1</i>	<i>100 mL</i>	<i>PLASTIC</i>	<i>F</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
<i>1</i>	<i>250 mL</i>	<i>GLASS</i>	<i>A</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
<i>1</i>	<i>125 mL</i>	<i>PLASTIC</i>	<i>C</i>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <i>Peak</i>	DATE SHIPPED: <i>2/16/10</i>	AIRBILL NUMBER: <i>8654 2289 6620</i>
COC NUMBER: <i>NA</i>	SIGNATURE: <i>S Pawlukiewicz</i>	DATE SIGNED: <i>2/16/10</i>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: 2/16/10	BY: <u>JD</u> DATE: 3/1/10

SAMPLE ID: <u>MW-285</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input type="checkbox"/> OTHER
WELL MATERIAL: <input type="checkbox"/> PVC <input checked="" type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input type="checkbox"/> OTHER	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME: <u>1357</u>	DATE: <u>2/16/10</u>	SAMPLE	TIME: <u>1432</u>	DATE: <u>2/16/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <u>BL0002R</u> <input type="checkbox"/> BAILER	PH: <u>7.00</u> SU	CONDUCTIVITY: <u>502</u> umhos/cm	ORP: <u>-132.9</u> mV	DO: <u>0.09</u> mg/L	
DEPTH TO WATER: <u>5.26</u> TI PVC	TURBIDITY: <u>9.6</u> NTU	<input checked="" type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			
DEPTH TO BOTTOM: <u>17.64</u> TI PVC	TEMPERATURE: <u>8.71</u> °C	OTHER:			
WELL VOLUME: <u>8.02</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	COLOR: <u>clr</u>	ODOR: <u>NO</u>			
VOLUME REMOVED: <u>14</u> <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				
COLOR: <u>clng, Blk Orange Plum</u> ODOR: <u>NO</u>	FILTRATE COLOR: <u>clr</u>	FILTRATE ODOR: <u>NO</u>			
<u>78.0</u> TURBIDITY <input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input checked="" type="checkbox"/> MODERATE <input type="checkbox"/> VERY	QC SAMPLE: <input type="checkbox"/> MS/MSD <input checked="" type="checkbox"/> DUP- <u>02</u>				
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER	COMMENTS: <u>Alk: 35</u> <u>Co2: 16</u> <u>Forams: 20</u>				

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
1357	400	6.91	441	-95.0	6.30	78.0	5.70	5.26	INITIAL
1402	↓	6.99	490	-118.5	0.33	185.0	8.27	-	2
1407	↓	7.00	493	-124.4	0.39	76.9	8.40	-	4
1412	↓	7.00	495	-130.3	0.48	41.3	8.47	-	6
1417	↓	7.00	498	-132.7	0.37	25.8	8.63	-	8
1422	↓	7.00	499	-126.8	0.26	17.3	8.61	-	10
1427	↓	7.00	500	-128.8	0.13	12.6	8.65	-	12
1432	↓	7.00	502	-132.9	0.09	9.6	8.71	-	14

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
<u>42</u>	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>42</u>	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
<u>42</u>	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<u>21</u>	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
<u>21</u>	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
<u>21</u>	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
<u>21</u>	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FeoEx</u>	DATE SHIPPED: <u>2/16/10</u>	AIRBILL NUMBER: <u>8654 2289 6621</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/16/10</u>

RMT

WATER SAMPLE LOG

PROJECT NAME: LE Carpenter	PREPARED	CHECKED
PROJECT NUMBER: 6527.41 Task1	BYS. Pawlukiewicz DATE: <u>2/16/10</u>	BY: <u>JO</u> DATE: <u>3/1/10</u>

SAMPLE ID: <u>RS-02</u>	WELL DIAMETER: <input checked="" type="checkbox"/> 2" <input type="checkbox"/> 4" <input type="checkbox"/> 6" <input checked="" type="checkbox"/> OTHER <u>NA</u>
WELL MATERIAL: <input type="checkbox"/> PVC <input type="checkbox"/> SS <input type="checkbox"/> IRON <input type="checkbox"/> GALVANIZED STEEL <input checked="" type="checkbox"/> OTHER <u>NA</u>	
SAMPLE TYPE: <input checked="" type="checkbox"/> GW <input type="checkbox"/> WW <input type="checkbox"/> SW <input checked="" type="checkbox"/> DI <input type="checkbox"/> LEACHATE <input type="checkbox"/> OTHER	

PURGING	TIME:	DATE:	SAMPLE	TIME: <u>1615</u>	DATE: <u>2/16/10</u>
PURGE METHOD: <input checked="" type="checkbox"/> PUMP <input type="checkbox"/> BAILER			PH: _____ SU	CONDUCTIVITY: _____ umhos/cm	
DEPTH TO WATER: _____ T/ PVC			ORP: _____ mV	DO: _____ mg/L	
DEPTH TO BOTTOM: _____ T/ PVC			TURBIDITY: _____ NTU	<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY	
WELL VOLUME: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			TEMPERATURE: _____ °C	OTHER: _____	
VOLUME REMOVED: _____ <input checked="" type="checkbox"/> LITERS <input type="checkbox"/> GALLONS			COLOR: _____	ODOR: _____	
COLOR: _____		ODOR: _____	FILTRATE (0.45 um) <input checked="" type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
TURBIDITY			FILTRATE COLOR: _____	FILTRATE ODOR: _____	
<input type="checkbox"/> NONE <input type="checkbox"/> SLIGHT <input type="checkbox"/> MODERATE <input type="checkbox"/> VERY			QC SAMPLE: <input type="checkbox"/> MS/MSD <input type="checkbox"/> DUP-		
DISPOSAL METHOD: <input type="checkbox"/> GROUND <input type="checkbox"/> DRUM <input checked="" type="checkbox"/> OTHER			COMMENTS:		

TIME	PURGE RATE (ML/MIN)	PH (SU)	CONDUCTIVITY (umhos/cm)	ORP (mV)	D.O. (mg/L)	TURBIDITY (NTU)	TEMPERATURE (°C)	WATER LEVEL (FEET)	CUMULATIVE PURGE VOLUME (GAL OR L)
PURGE BLANK : RMT BLOOPER Pump # 10941									
									INITIAL

NOTE: STABILIZATION TEST IS COMPLETE WHEN 3 SUCCESSIVE READINGS ARE WITHIN THE FOLLOWING LIMITS:

pH: +/- 0.1 COND.: +/- 5 (<100) ORP: +/- D.O.: +/- 10% TURB: +/- 10% or <= 10 TEMP.: +/- 0.5°C

BOTTLES FILLED		PRESERVATIVE CODES A - NONE B - HNO3 C - H2SO4 D - NaOH E - HCL F - _____									
NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED		NUMBER	SIZE	TYPE	PRESERVATIVE	FILTERED	
2	40 mL	VOA	E	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	2	1 L	AMBER	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
2	40 mL	VOA	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	1	125 mL	PLASTIC	B	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N
1	100 mL	PLASTIC	F	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	250 mL	GLASS	A	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N
1	125 mL	PLASTIC	C	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N					<input type="checkbox"/> Y	<input type="checkbox"/> N

SHIPPING METHOD: <u>FedEx</u>	DATE SHIPPED: <u>2/16/10</u>	AIRBILL NUMBER: <u>8654 2289 6632</u>
COC NUMBER: <u>NA</u>	SIGNATURE: <u>S Pawlukiewicz</u>	DATE SIGNED: <u>2/16/10</u>

Report Results To:

Client Name: RMT Inc

Contact Person: JENNIFER OVERWOOD

Mailing Address: 2025 E. BELTLINE AVE SE SUITE 402

City, State, Zip Code: GRAND RAPIDS MI 49506

Phone: 616 975 5415 Fax: 616 975 1098

Email Address: JENNIFER.OVERWOOD@RMTINC.COM

Project #: 6527.11 PO #: _____ Trace Quote #: _____

Project Name: LFC MONITORING Sampled by: SD

TRACE USE ONLY

Logged By: _____ Checked By: _____

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH Et Core Low Level Lab

Regulatory Requirements	Turnaround Requirements	Matrix Key
MERA TMDL's <input type="checkbox"/>	Standard (2 wk) <input checked="" type="checkbox"/>	S = Soil
Drinking Water <input type="checkbox"/>	* 5 Day <input type="checkbox"/>	W = Water
NPDES <input type="checkbox"/>	* 2-4 Day (RUSH) <input type="checkbox"/>	SE = Sediment
USACE <input type="checkbox"/>	* 24 Hour (RUSH) <input type="checkbox"/>	OI = Oil
Special <input type="checkbox"/>	* Requires prior approval	SO = Solid Waste
		WI = Wipes
		LW = Liquid Waste
		A = Air
		D = Drinking Water
		SL = Sludge

Bill To:

Billing Address (if different) _____

City, State, Zip Code: MADISON WI

Attn: _____ Phone: _____ Fax: _____

ANALYSIS REQUESTED

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	B/Cu	DEHP	CH4	HPC	MS/MSD/TC/TOB	LA/ID	DIS Pb	REMARKS	Possible Health Hazard
	2/13/10	1040	NA	DRC-02	W	4	2	2							
	2/13/10	1050		SW-D-5	W	4	2	2							
	2/13/10	1110		SW-R-1	W	4	2	2							
	2/13/10	1120		SW-R-2	W	4	2	2							
	2/13/10	1135		SW-R-3	W	4	2	2							
	2/13/10	1145		SW-R-4	W	4	2	2							
	2/13/10	1200		SW-D-4	W	4	2	2							
	2/13/10	1235		SW-R-6	W	4	2	2							
	2/13/10	1320		SW-D-3	W	4	2	2							
	2/13/10	1345	✓	SW-D-2	W	12	6	6						MS/MSD	

Request for Analytical Services

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<u>[Signature]</u>	<u>FEDEX</u>	<u>2/15/10</u>	<u>1830</u>	3)				
2)					4)				

9/10 20 27

Report Results To:

Client Name: RMT Inc.

Contact Person: JENNIFER OUVROORDE

Mailing Address: 2025 E. BELTLINE AVE SE STE 102

City, State, Zip Code: GRAND RAPIDS MI 49546

Phone: 616 975 5415 Fax: 616 975 1098

Email Address: JENNIFER.OUVROORDE@RMTINC.COM

Project #: 6527.41 PO #: _____ Trace Quote #: _____

Project Name: LEC MONITORING Sampled by: SD

TRACE USE ONLY

Logged By: _____ Checked By: _____

Received on ice: Yes No Preservative Checked: Yes No Nr.

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Regulatory Requirements	Turnaround Requirements	Matrix Key
MERA TMDLs <input type="checkbox"/>	Standard (2 wk) <input checked="" type="checkbox"/>	S = Soil
Drinking Water <input type="checkbox"/>	* 5 Day <input type="checkbox"/>	W = Water
NPDES <input type="checkbox"/>	* 2-4 Day (RUSH) <input type="checkbox"/>	SE = Sediment
USACE <input type="checkbox"/>	* 24 Hour (RUSH) <input type="checkbox"/>	Ol = Oil
Special <input type="checkbox"/>	* Requires prior approval	SO = Solid Waste
		WI = Wipes
		LW = Liquid Waste
		A = Air
		D = Drinking Water
		SL = Sludge

Bill To:

Billing Address (if different) _____

City, State, Zip Code MADISON WI

Attn: _____ Phone: _____ Fax: _____

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED										REMARKS	Possible Health Hazard
							Pb	DEHP	PAH	ALPC	NO2/NO3/NO3/NO3	As	P	Disc	Pb.			
	2/13/10	1400	NA	SW-D-1	W	4	2	2										
	2/13/10	1415	NA	RB-01	W	4	2	2										
	2/13/10	—	NA	DUP-01	W	4	2	2										
	2/14/10	1330	—	MW-27s	W	8	2	2	2		1	1						
	2/15/10	0804	y	MW-19-12	W	10	2	2	2	1	1	1	1					
	2/15/10	0927	y	MW-29s	W	10	2	2	2	1	1	1	1					
	2/15/10	1158	y	MW-25(R)	W	10	2	2	2	1	1	1	1					
	2/15/10	1413	y	MW-30D	W	10	2	2	2	1	1	1	1					
	2/15/10	1545	y	MW-8	W	20	4	4	4	2	2	2	2					M5/MSD
	2/15/10	1615	N	ATM-01	W	10	2	2	2	1	1	1	1					TOTAL Pb.

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<i>Scott Paulsen</i>	<i>F. Fox</i>	2/15/10	1830	3)				
2)					4)				

43 of 46



phone 231.773.5998
 toll-free 800.733.5998
 fax 231.773.6537

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
 2241 Black Creek Road
 Muskegon, MI 49444-2673
 www.trace-labs.com

TRACE ID NO.

Report Results To:
 Client Name: PMT Inc
 Contact Person: JENNIFER OVERVOORDE
 Mailing Address: 2025 E. BELTLINE AVE SE SUITE 402
 City, State, Zip Code: GROD RAPIDS MI 49516
 Phone: 616 975 5415 Fax: 616 975 1098
 Email Address: JENNIFER.OVERVOORDE@PMTINC.COM
 Project #: 6527.41 PO #: Trace Quote #:
 Project Name: LEC MONITORING Sampled by: SP

TRACE USE ONLY
 Logged By: _____ Checked By: _____
 Received on ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH En Core Low Level Lab

Regulatory Requirements
 MERA TMDLs
 Drinking Water
 NPDES
 USACE
 Special
Turnaround Requirements
 Standard (2 wk)
 * 5 Day
 * 2-4 Day (RUSH)
 * 24 Hour (RUSH)
 * Requires prior approval
Matrix Key
 S = Soil WI = Wipes
 W = Water LW = Liquid Waste
 SE = Sediment A = Air
 OI = Oil D = Drinking Water
 SO = Solid Waste SL = Sludge

ANALYSIS REQUESTED

Bill To:
 Billing Address (if different)
 City, State, Zip Code MADISON WI
 Attn: Phone: Fax:

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED	REMARKS	Possible Health Hazard
	2/15/10	1630	Y	MW-275	W	2	BICK DRED CUM HPC WCS / SW / TSS / TDS NH ₃ / P Diss. Pb		
	2/11/10	-	-	TRIP BLANK	W	1			

Request for Analytical Services

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	[Signature]	F-FOX	2/15/10	1830	3)				
2)					4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

44 of 46

Report Results To:

Client Name: RMT INC

Contact Person: JENNIFER QUORVORDE

Mailing Address: 2025 E BELTLINE AVE SE SUITE 402

City, State, Zip Code: GRAND RAPIDS MI 49546

Phone: 616 975 5415 Fax: 616 975 1098

Email Address: JENNIFER.QUORVORDE@RMTINC.COM

Project #: 6527.41 PO #: _____ Trace Quote #: _____

Project Name: LEC MONITORING Sampled by: SD

TRACE USE ONLY

Logged By: _____ Checked By: _____

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Regulatory Requirements	Turnaround Requirements	Matrix Key
MERA TMDLs <input type="checkbox"/>	Standard (2 wk) <input checked="" type="checkbox"/>	S = Soil
Drinking Water <input type="checkbox"/>	* 5 Day <input checked="" type="checkbox"/>	W = Water
NPDES <input type="checkbox"/>	* 2-4 Day (RUSH) <input type="checkbox"/>	SE = Sediment
USACE <input type="checkbox"/>	* 24 Hour (RUSH) <input type="checkbox"/>	Ol = Oil
Special <input type="checkbox"/>	* Requires prior approval	SO = Solid Waste
		WI = Wipes
		LW = Liquid Waste
		A = Air
		D = Drinking Water
		SL = Sludge

Bill To:

Billing Address (if different) _____

City, State, Zip Code: MADISON WI

Attn: _____ Phone: _____ Fax: _____

ANALYSIS REQUESTED

Diagonal lines with handwritten text: BTEX, DEHP, CHL, HPC, WBS/SOULFSS/PAC, MSL/D, DRC Pb

Possible Health Hazard

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED											REMARKS	Possible Health Hazard
							BTEX	DEHP	CHL	HPC	WBS/SOULFSS/PAC	MSL/D	DRC Pb						
	2/16/10	0805	y	MW-35s	W	10	2	2	2	1	1	1	1						
	2/16/10	0845	y	MW-34s	W	10	2	2	2	1	1	1	1						
	2/16/10	0930	y	MW-32s	W	10	2	2	2	1	1	1	1						
	2/16/10	1020	y	MW-31s	W	10	2	2	2	1	1	1	1						
	2/16/10	1100	y	MW-33s	W	10	2	2	2	1	1	1	1						
	2/16/10	1332	y	MW-28i	W	10	2	2	2	1	1	1	1						
	2/16/10	1432	y	MW-28s	W	10	2	2	2	1	1	1	1						
	2/16/10	1530	NA	MW-19-12	W	1													
	2/16/10	1615	N	RB-02	W	10	2	2	2	1	1	1	1						
	2/16/10	-	y	DUP-02	W	10	2	2	2	1	1	1	1						

NOT FILTERED, TOTAL Pb

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<i>Scott Lowling</i>	<i>FFOEV</i>	2/16/10	1800	3)				
2)					4)				



phone 231.773.5998
 toll-free 800.733.5998
 fax 231.773.6537

CHAIN-OF-CUSTODY RECORD

Trace Analytical Laboratories, Inc.
 2241 Black Creek Road
 Muskegon, MI 49444-2673
 www.trace-labs.com

Report Results To:
 Client Name: RMT INC
 Contact Person: JENNIFER OVERDOORDE
 Mailing Address: 2025 E BELLEVUE AVE SE SUITE 402
 City, State, Zip Code: GRAND RAPIDS MI 49546
 Phone: 616 975 5415 Fax: 616 975 1092
 Email Address: JENNIFER.OVERDOORDE@RMTINC.COM
 Project #: 652741 PO #: _____ Trace Quote #: _____
 Project Name: LEC MONITORING Sampled by: SP

Bill To:
 Billing Address (if different) _____
 City, State, Zip Code: MADISON WI
 Attn: _____ Phone: _____ Fax: _____

TRACE USE ONLY

Logged By: _____ Checked By: _____

Received on ice: Yes No Preservative Checked: Yes No N/A

Soil Volatiles Preserved: MeOH En Core Low Level Lab

Regulatory Requirements	Turnaround Requirements	Matrix Key
MERA TMDL's <input type="checkbox"/>	Standard (2 wk) <input checked="" type="checkbox"/>	S = Soil
Drinking Water <input type="checkbox"/>	* 5 Day <input checked="" type="checkbox"/>	W = Water
NPDES <input type="checkbox"/>	* 2-4 Day (RUSH) <input type="checkbox"/>	SE = Sediment
USACE <input type="checkbox"/>	* 24 Hour (RUSH) <input type="checkbox"/>	OI = Oil
Special <input type="checkbox"/>	* Requires prior approval	SO = Solid Waste

WI = Wipes
 LW = Liquid Waste
 A = Air
 D = Drinking Water
 SL = Sludge

ANALYSIS REQUESTED										REMARKS	Possible Health Hazard
TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	1	2	3		
	<u>2/11/10</u>	<u>—</u>	<u>NA</u>	<u>Trip Blank</u>	<u>W</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>		

Handwritten notes in table:
 BTEX, DDEP, CHL, HPC, NDZ/SO₂/HSC/HOS, NAs/P, DCC DB

Please Sign	Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
		1)	<u>Scott Coulter</u>	<u>FedEx</u>	<u>2/16/10</u>	<u>1800</u>	3)			
	2)					4)				

Appendix B
1st Quarter 2010 Laboratory Analytical Report

February 25, 2010

Ms. Jennifer Overvoorde
RMT, Inc.
2025 E. Beltline Ave. SE Suite 402
Grand Rapids, MI 49546

Phone: (616) 975-5415
Fax: (616) 975-1098

RE: Trace Project T10B149
Client Project LEC Monitoring / 6527.41

Dear Ms. Overvoorde:

Enclosed are your analytical results.

All reports were examined through Trace's validation process to ensure that requirements for quality and completeness were satisfied. All reported analytical results were obtained in accordance with the methods referenced on the reports. Every practical effort was made to meet the reporting limit specifications for this work. Some reports may have raised reporting limits to correct for percent solids.

If you have questions concerning this report, please contact me at 231.773.5998 or by email at jmink@trace-labs.com.

Sincerely,



Jon Mink
Project Manager

Enclosures



This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

SAMPLE SUMMARY

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID	Sample ID	Matrix	Collected By	Date Collected	Date Received
T10B149-01	DRC-02	Surface Water	sp	02/13/10 10:40	02/16/10 10:27
T10B149-02	SW-D-5	Surface Water	sp	02/13/10 10:50	02/16/10 10:27
T10B149-03	SW-R-1	Surface Water	sp	02/13/10 11:10	02/16/10 10:27
T10B149-04	SW-R-2	Surface Water	sp	02/13/10 11:20	02/16/10 10:27
T10B149-05	SW-R-3	Surface Water	sp	02/13/10 11:35	02/16/10 10:27
T10B149-06	SW-R-4	Surface Water	sp	02/13/10 11:45	02/16/10 10:27
T10B149-07	SW-D-4	Surface Water	sp	02/13/10 12:00	02/16/10 10:27
T10B149-08	SW-R-6	Surface Water	sp	02/13/10 12:35	02/16/10 10:27
T10B149-09	SW-D-3	Surface Water	sp	02/13/10 13:20	02/16/10 10:27
T10B149-10	SW-D-2	Surface Water	sp	02/13/10 13:45	02/16/10 10:27
T10B149-11	SW-D-1	Surface Water	sp	02/13/10 14:00	02/16/10 10:27
T10B149-12	RB-01	Surface Water	sp	02/13/10 14:15	02/16/10 10:27
T10B149-13	DUP-01	Surface Water	sp	02/13/10	02/16/10 10:27
T10B149-14	MW-27s	Ground Water	sp	02/14/10 13:30	02/16/10 10:27
T10B149-15	MW-19-12	Ground Water	sp	02/15/10 08:04	02/16/10 10:27
T10B149-16	MW-29s	Ground Water	sp	02/15/10 09:27	02/16/10 10:27
T10B149-17	MW-25(R)	Ground Water	sp	02/15/10 11:58	02/16/10 10:27
T10B149-18	MW-30D	Ground Water	sp	02/15/10 14:34	02/16/10 10:27
T10B149-19	MW-8	Ground Water	sp	02/15/10 15:45	02/16/10 10:27
T10B149-20	ATM-01	Ground Water	sp	02/15/10 16:15	02/16/10 10:27
T10B149-21	MW-27s	Ground Water	sp	02/15/10 16:30	02/16/10 10:27
T10B149-22	TRIP BLANK	Aqueous	Client	02/11/10	02/16/10 10:27
T10B149-23	MW-35s	Ground Water	sp	02/16/10 08:05	02/17/10 10:21
T10B149-24	MW-34s	Ground Water	sp	02/16/10 08:45	02/17/10 10:21
T10B149-25	MW-32s	Ground Water	sp	02/16/10 09:30	02/17/10 10:21
T10B149-26	MW-31s	Ground Water	sp	02/16/10 10:20	02/17/10 10:21
T10B149-27	MW-33s	Ground Water	sp	02/16/10 11:00	02/17/10 10:21
T10B149-28	MW-28i	Ground Water	sp	02/16/10 13:32	02/17/10 10:21
T10B149-29	MW-28s	Ground Water	sp	02/16/10 14:32	02/17/10 10:21
T10B149-30	MW-19-12	Ground Water	sp	02/16/10 15:30	02/17/10 10:21
T10B149-31	RB-02	Ground Water	sp	02/16/10 16:15	02/17/10 10:21
T10B149-32	DUP-02	Ground Water	sp	02/16/10 12:00	02/17/10 10:21
T10B149-33	TRIP BLANK	Ground Water	sp	02/11/10	02/17/10 10:21

CERTIFICATE OF ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Trace Analytical Laboratories, Inc.

AN EXPLANATION OF TERMS AND SYMBOLS WHICH MAY OCCUR IN THIS REPORT

DEFINITIONS

LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
MS	Matrix Spike
MSD	Matrix Spike Duplicate
RPD	Relative Percent Difference
DUP	Matrix Duplicate
RDL	Reporting Detection Limit
MCL	Maximum Contamination Limit
TIC	Tentatively Identified Compound
<, ND or U	Indicates the compound was analyzed for but not detected
*	Indicates a result that exceeds its associated MCL or Surrogate control limits
N	Indicates that the compound has not been evaluated by NELAC
NA	Indicates that the compound is not available.

DATA QUALIFIERS

Trace ID: T015025-MS2

Analysis: RSK-175(MOD) / ISOTEC

Methane Note 220 : Matrix QC results are unavailable for this sample and QC batch, as a dilution of the sample was required due to high analyte concentrations.

Trace ID: T015025-MSD2

Analysis: RSK-175(MOD) / ISOTEC

Methane Note 220 : Matrix QC results are unavailable for this sample and QC batch, as a dilution of the sample was required due to high analyte concentrations.

Trace ID: T10B149-07

Analysis: EPA 8270C

Note 407 : The reporting limit was raised due to a post extraction dilution required based on matrix interference present in the sample.

Trace ID: T10B149-23

Analysis: EPA 8270C

Note 407 : The reporting limit was raised due to a post extraction dilution required based on matrix interference present in the sample.

2-Fluorobiphenyl Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Nitrobenzene-d5 Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Terphenyl-d14 Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

CERTIFICATE OF ANALYSIS

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Trace ID: T10B149-25

Analysis: EPA 8270C

2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Bis(2-ethylhexyl)phthalate	Note 606 : The concentration of the analyte present in the sample exceeded the linear range of the instrument. A post extraction dilution of the sample was required, which resulted in elevated reporting limit.
Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T10B149-26

Analysis: EPA 8270C

	Note 413 : The reporting limit was raised due to a dilution because of high analyte concentrations.
2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T10B149-27

Analysis: EPA 8270C

2-Fluorobiphenyl	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Bis(2-ethylhexyl)phthalate	Note 606 : The concentration of the analyte present in the sample exceeded the linear range of the instrument. A post extraction dilution of the sample was required, which resulted in elevated reporting limit.
Nitrobenzene-d5	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.
Terphenyl-d14	Note 302 : A dilution of 1:10 or greater was required on this sample. Consequently, surrogate recoveries are not available.

Trace ID: T10B149-32

Analysis: EPA 8270C

Bis(2-ethylhexyl)phthalate	Note 606 : The concentration of the analyte present in the sample exceeded the linear range of the instrument. A post extraction dilution of the sample was required, which resulted in elevated reporting limit.
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-01 Date Collected: 02/13/10 10:40 Matrix: Surface Water
Sample ID: DRC-02 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	111 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	111 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	64 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	67 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	83 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-02 Date Collected: 02/13/10 10:50 Matrix: Surface Water
Sample ID: SW-D-5 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	0.59 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	1.4 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	112 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	107 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.94 ug/L	0.94	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	69 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	72 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	81 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-03 Date Collected: 02/13/10 11:10 Matrix: Surface Water
 Sample ID: SW-R-1 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RD L	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp		
Ethylbenzene	0.55 ug/L	0.50	1	02/17/10	jp	02/17/10	jp		
m,p-Xylene	2.1 ug/L	1.0	1	02/17/10	jp	02/17/10	jp		N
o-Xylene	0.68 ug/L	0.50	1	02/17/10	jp	02/17/10	jp		N
Xylenes, total	2.8 ug/L	1.5	1	02/17/10	jp	02/17/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	110 %	70-133	1	02/17/10	jp	02/17/10	jp		
Toluene-d8	109 %	76-125	1	02/17/10	jp	02/17/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/18/10	avl		
Surrogates:									
Nitrobenzene-d5	52 %	36-103	1	02/17/10	kb	02/18/10	avl		
2-Fluorobiphenyl	56 %	36-119	1	02/17/10	kb	02/18/10	avl		
Terphenyl-d14	84 %	37-109	1	02/17/10	kb	02/18/10	avl		

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-04 Date Collected: 02/13/10 11:20 Matrix: Surface Water
Sample ID: SW-R-2 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	111 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	107 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	47 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	49 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	77 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-05 Date Collected: 02/13/10 11:35 Matrix: Surface Water
 Sample ID: SW-R-3 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	113 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	108 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	51 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	55 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	80 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-06 Date Collected: 02/13/10 11:45 Matrix: Surface Water
Sample ID: SW-R-4 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	113 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	108 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	65 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	66 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	81 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-07 Date Collected: 02/13/10 12:00 Matrix: Surface Water
 Sample ID: SW-D-4 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	0.96 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	113 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	110 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

407

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	150 ug/L	1.9	2	02/17/10	kb	02/20/10	avl	
Surrogates:								
Nitrobenzene-d5	58 %	36-103	2	02/17/10	kb	02/20/10	avl	
2-Fluorobiphenyl	66 %	36-119	2	02/17/10	kb	02/20/10	avl	
Terphenyl-d14	79 %	37-109	2	02/17/10	kb	02/20/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-08 Date Collected: 02/13/10 12:35 Matrix: Surface Water
Sample ID: SW-R-6 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	111 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	106 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	48 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	50 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	82 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-09 Date Collected: 02/13/10 13:20 Matrix: Surface Water
Sample ID: SW-D-3 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	112 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	109 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	3.0 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	58 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	60 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	77 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-10 Date Collected: 02/13/10 13:45 Matrix: Surface Water
Sample ID: SW-D-2 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	110 %	70-133	1	02/17/10	jp	02/18/10	jp	
Toluene-d8	109 %	76-125	1	02/17/10	jp	02/18/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	18 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	50 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	51 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	63 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-11 Date Collected: 02/13/10 14:00 Matrix: Surface Water
Sample ID: SW-D-1 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014951

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/17/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/17/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/17/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	112 %	70-133	1	02/17/10	jp	02/17/10	jp	
Toluene-d8	108 %	76-125	1	02/17/10	jp	02/17/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	51 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	82 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	67 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	81 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-12 Date Collected: 02/13/10 14:15 Matrix: Surface Water
 Sample ID: RB-01 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	111 %	70-133	1	02/17/10	jp	02/18/10	jp	
Toluene-d8	109 %	76-125	1	02/17/10	jp	02/18/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	54 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	44 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	54 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-13 Date Collected: 02/13/10 Matrix: Surface Water
Sample ID: DUP-01 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Ethylbenzene	0.91 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	109 %	70-133	1	02/17/10	jp	02/18/10	jp	
Toluene-d8	110 %	76-125	1	02/17/10	jp	02/18/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	43 ug/L	0.95	1	02/17/10	kb	02/18/10	avl	
Surrogates:								
Nitrobenzene-d5	77 %	36-103	1	02/17/10	kb	02/18/10	avl	
2-Fluorobiphenyl	67 %	36-119	1	02/17/10	kb	02/18/10	avl	
Terphenyl-d14	71 %	37-109	1	02/17/10	kb	02/18/10	avl	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-14 Date Collected: 02/14/10 13:30 Matrix: Ground Water
Sample ID: MW-27s Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N	
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N	
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	110 %	70-133	1	02/17/10	jp	02/18/10	jp		
Toluene-d8	107 %	76-125	1	02/17/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.98 ug/L	0.98	1	02/17/10	kb	02/18/10	avl		
Surrogates:									
Nitrobenzene-d5	67 %	36-103	1	02/17/10	kb	02/18/10	avl		
2-Fluorobiphenyl	58 %	36-119	1	02/17/10	kb	02/18/10	avl		
Terphenyl-d14	72 %	37-109	1	02/17/10	kb	02/18/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014917

Phosphorus	0.089 mg/L	0.050	1	02/17/10	jd	02/17/10	jn		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	1.3 mg/L	0.075	5	02/16/10	rbp	02/16/10	da		
Sulfate as SO4	54 mg/L	0.60	5	02/16/10	rbp	02/16/10	da		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-14 Date Collected: 02/14/10 13:30 Matrix: Ground Water
 Sample ID: MW-27s Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Ammonia as N	0.10 mg/L	0.010	1	02/18/10	sm	02/18/10	sm		
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	600 mg/L	10	1	02/17/10	jd	02/18/10	sm		
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Analysis Method: SM 2540 D-97

Batch: T014926

Total Suspended Solids	64 mg/L	4.0	1	02/17/10	jd	02/18/10	jd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	<1.0 ug/L	1.0	1	02/23/10	jp	02/23/10	tml	N	
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-15 Date Collected: 02/15/10 08:04 Matrix: Ground Water
Sample ID: MW-19-12 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N	
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N	
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	107 %	70-133	1	02/17/10	jp	02/18/10	jp		
Toluene-d8	108 %	76-125	1	02/17/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.96 ug/L	0.96	1	02/17/10	kb	02/18/10	avl		
Surrogates:									
Nitrobenzene-d5	81 %	36-103	1	02/17/10	kb	02/18/10	avl		
2-Fluorobiphenyl	66 %	36-119	1	02/17/10	kb	02/18/10	avl		
Terphenyl-d14	81 %	37-109	1	02/17/10	kb	02/18/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014917

Phosphorus	<0.050 mg/L	0.050	1	02/17/10	jd	02/17/10	jn		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-15 Date Collected: 02/15/10 08:04 Matrix: Ground Water
Sample ID: MW-19-12 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	1.3 mg/L	0.075	5	02/16/10	rbp	02/16/10	da		
Sulfate as SO4	6.7 mg/L	0.60	5	02/16/10	rbp	02/16/10	da		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	<0.010 mg/L	0.010	1	02/18/10	sm	02/18/10	sm		
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	180 mg/L	10	1	02/17/10	jd	02/18/10	sm		
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Analysis Method: SM 2540 D-97

Batch: T014926

Total Suspended Solids	<4.0 mg/L	4.0	1	02/17/10	jd	02/18/10	jd		
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	<1.0 ug/L	1.0	1	02/23/10	jp	02/23/10	tml	N	
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-16 Date Collected: 02/15/10 09:27 Matrix: Ground Water
 Sample ID: MW-29s Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N	
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N	
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	108 %	70-133	1	02/17/10	jp	02/18/10	jp		
Toluene-d8	108 %	76-125	1	02/17/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/18/10	avl		
Surrogates:									
Nitrobenzene-d5	77 %	36-103	1	02/17/10	kb	02/18/10	avl		
2-Fluorobiphenyl	63 %	36-119	1	02/17/10	kb	02/18/10	avl		
Terphenyl-d14	70 %	37-109	1	02/17/10	kb	02/18/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014917

Phosphorus	0.38 mg/L	0.050	1	02/17/10	jd	02/17/10	jn		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-16 Date Collected: 02/15/10 09:27 Matrix: Ground Water
 Sample ID: MW-29s Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	0.36 mg/L	0.075	5	02/16/10	rbp	02/16/10	da
Sulfate as SO4	2.1 mg/L	0.60	5	02/16/10	rbp	02/16/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	6.4 mg/L	0.040	5	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	440 mg/L	20	2	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014926

Total Suspended Solids	62 mg/L	8.0	2	02/17/10	jd	02/18/10	jd
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Analysis Method: SM9215B

Batch: T014905

Heterotrophic Plate Count	110 CFU/ml	1.0	1	02/16/10	da	02/18/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	2800 ug/L	50	50	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-17 Date Collected: 02/15/10 11:58 Matrix: Ground Water
Sample ID: MW-25(R) Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N	
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N	
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	105 %	70-133	1	02/17/10	jp	02/18/10	jp		
Toluene-d8	108 %	76-125	1	02/17/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.96 ug/L	0.96	1	02/17/10	kb	02/19/10	avl		
Surrogates:									
Nitrobenzene-d5	54 %	36-103	1	02/17/10	kb	02/19/10	avl		
2-Fluorobiphenyl	52 %	36-119	1	02/17/10	kb	02/19/10	avl		
Terphenyl-d14	68 %	37-109	1	02/17/10	kb	02/19/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014917

Phosphorus	0.14 mg/L	0.050	1	02/17/10	jd	02/17/10	jn		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-17 Date Collected: 02/15/10 11:58 Matrix: Ground Water
 Sample ID: MW-25(R) Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	0.35 mg/L	0.075	5	02/16/10	rbp	02/16/10	da
Sulfate as SO4	6.9 mg/L	0.60	5	02/16/10	rbp	02/16/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.18 mg/L	0.010	1	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	430 mg/L	20	2	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014926

Total Suspended Solids	95 mg/L	4.0	1	02/17/10	jd	02/18/10	jd
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Analysis Method: SM9215B

Batch: T014905

Heterotrophic Plate Count	580 CFU/ml	1.0	1	02/16/10	da	02/18/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	41 ug/L	1.0	1	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-18 Date Collected: 02/15/10 14:34 Matrix: Ground Water
Sample ID: MW-30D Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N	
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N	
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	109 %	70-133	1	02/17/10	jp	02/18/10	jp		
Toluene-d8	110 %	76-125	1	02/17/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.99 ug/L	0.99	1	02/17/10	kb	02/19/10	avl		
Surrogates:									
Nitrobenzene-d5	60 %	36-103	1	02/17/10	kb	02/19/10	avl		
2-Fluorobiphenyl	62 %	36-119	1	02/17/10	kb	02/19/10	avl		
Terphenyl-d14	82 %	37-109	1	02/17/10	kb	02/19/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014917

Phosphorus	0.050 mg/L	0.050	1	02/17/10	jd	02/17/10	jn		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-18 Date Collected: 02/15/10 14:34 Matrix: Ground Water
 Sample ID: MW-30D Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/16/10	rbp	02/16/10	da
Sulfate as SO4	10 mg/L	0.60	5	02/16/10	rbp	02/16/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.12 mg/L	0.010	1	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	350 mg/L	10	1	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014926

Total Suspended Solids	11 mg/L	4.0	1	02/17/10	jd	02/18/10	jd
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Analysis Method: SM9215B

Batch: T014905

Heterotrophic Plate Count	38 CFU/ml	1.0	1	02/16/10	da	02/18/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	90 ug/L	4.0	4	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-19 Date Collected: 02/15/10 15:45 Matrix: Ground Water
Sample ID: MW-8 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	106 %	70-133	1	02/17/10	jp	02/18/10	jp	
Toluene-d8	107 %	76-125	1	02/17/10	jp	02/18/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	3.9 ug/L	0.95	1	02/18/10	kb	02/19/10	avl	
Surrogates:								
Nitrobenzene-d5	65 %	36-103	1	02/18/10	kb	02/19/10	avl	
2-Fluorobiphenyl	65 %	36-119	1	02/18/10	kb	02/19/10	avl	
Terphenyl-d14	84 %	37-109	1	02/18/10	kb	02/19/10	avl	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014917

Phosphorus	0.24 mg/L	0.050	1	02/17/10	jd	02/17/10	jn	
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn	
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-19 Date Collected: 02/15/10 15:45 Matrix: Ground Water
 Sample ID: MW-8 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	0.35 mg/L	0.075	5	02/16/10	rbp	02/16/10	da
Sulfate as SO4	<0.60 mg/L	0.60	5	02/16/10	rbp	02/16/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.44 mg/L	0.040	5	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	280 mg/L	20	2	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014926

Total Suspended Solids	62 mg/L	8.0	2	02/17/10	jd	02/18/10	jd
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Analysis Method: SM9215B

Batch: T014905

Heterotrophic Plate Count	46 CFU/ml	1.0	1	02/16/10	da	02/18/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	1500 ug/L	50	50	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-20 Date Collected: 02/15/10 16:15 Matrix: Ground Water
 Sample ID: ATM-01 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp		
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N	
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N	
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	107 %	70-133	1	02/17/10	jp	02/18/10	jp		
Toluene-d8	108 %	76-125	1	02/17/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014919

Bis(2-ethylhexyl)phthalate	<0.95 ug/L	0.95	1	02/17/10	kb	02/19/10	avl		
Surrogates:									
Nitrobenzene-d5	60 %	36-103	1	02/17/10	kb	02/19/10	avl		
2-Fluorobiphenyl	61 %	36-119	1	02/17/10	kb	02/19/10	avl		
Terphenyl-d14	77 %	37-109	1	02/17/10	kb	02/19/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014917

Phosphorus	<0.050 mg/L	0.050	1	02/17/10	jd	02/17/10	jn		
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Analysis Method: EPA 6020

Batch: T014917

Lead	<0.0030 mg/L	0.0030	5	02/17/10	jd	02/17/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-20 Date Collected: 02/15/10 16:15 Matrix: Ground Water
 Sample ID: ATM-01 Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	0.35 mg/L	0.075	5	02/16/10	rbp	02/16/10	da
Sulfate as SO4	<0.60 mg/L	0.60	5	02/16/10	rbp	02/16/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	<0.010 mg/L	0.010	1	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	<10 mg/L	10	1	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	11 mg/L	4.0	1	02/17/10	bd	02/18/10	da
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Analysis Method: SM9215B

Batch: T014905

Heterotrophic Plate Count	<1.0 CFU/ml	1.0	1	02/16/10	da	02/18/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	<1.0 ug/L	1.0	1	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-21 Date Collected: 02/15/10 16:30 Matrix: Ground Water
 Sample ID: MW-27s Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn
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WET CHEMISTRY

Analysis Method: SM9215B

Batch: T014905

Heterotrophic Plate Count	18 CFU/ml	1.0	1	02/16/10	da	02/18/10	da	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-22 Date Collected: 02/11/10 Matrix: Aqueous
Sample ID: TRIP BLANK Date Received: 02/16/10 10:27

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014952

Benzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/17/10	jp	02/18/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/17/10	jp	02/18/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/17/10	jp	02/18/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	107 %	70-133	1	02/17/10	jp	02/18/10	jp	
Toluene-d8	110 %	76-125	1	02/17/10	jp	02/18/10	jp	

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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-23 Date Collected: 02/16/10 08:05 Matrix: Ground Water
 Sample ID: MW-35s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	<10 ug/L	10	20	02/18/10	jp	02/18/10	jp		
Toluene	30 ug/L	10	20	02/18/10	jp	02/18/10	jp		
Ethylbenzene	9800 ug/L	500	1000	02/18/10	jp	02/18/10	jp		
m,p-Xylene	42000 ug/L	1000	1000	02/18/10	jp	02/18/10	jp	N	
o-Xylene	17000 ug/L	500	1000	02/18/10	jp	02/18/10	jp	N	
Xylenes, total	59000 ug/L	1500	1000	02/18/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	99 %	70-133	20	02/18/10	jp	02/18/10	jp		
1,2-Dichloroethane-d4	103 %	70-133	1000	02/18/10	jp	02/18/10	jp		
Toluene-d8	101 %	76-125	20	02/18/10	jp	02/18/10	jp		
Toluene-d8	101 %	76-125	1000	02/18/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

407

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	660 ug/L	26	25	02/18/10	kb	02/20/10	avl		
Surrogates:									
Nitrobenzene-d5	* %	36-103	25	02/18/10	kb	02/20/10	avl	302	
2-Fluorobiphenyl	* %	36-119	25	02/18/10	kb	02/20/10	avl	302	
Terphenyl-d14	* %	37-109	25	02/18/10	kb	02/20/10	avl	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	0.075 mg/L	0.050	1	02/18/10	jd	02/19/10	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-23 Date Collected: 02/16/10 08:05 Matrix: Ground Water
 Sample ID: MW-35s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/17/10	da	02/17/10	da		
Sulfate as SO4	0.87 mg/L	0.60	5	02/17/10	da	02/17/10	da		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.24 mg/L	0.010	1	02/18/10	sm	02/18/10	sm		
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	460 mg/L	20	2	02/17/10	jd	02/18/10	sm		
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	<4.0 mg/L	4.0	1	02/17/10	bd	02/18/10	da		
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	680 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N	
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	17000 ug/L	1000	1000	02/23/10	jp	02/23/10	tml	N	
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-24 Date Collected: 02/16/10 08:45 Matrix: Ground Water
 Sample ID: MW-34s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	1.5	ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Toluene	2.2	ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Ethylbenzene	680	ug/L	10	20	02/18/10	jp	02/18/10	jp		
m,p-Xylene	1600	ug/L	20	20	02/18/10	jp	02/18/10	jp	N	
o-Xylene	610	ug/L	10	20	02/18/10	jp	02/18/10	jp	N	
Xylenes, total	2300	ug/L	30	20	02/18/10	jp	02/18/10	jp		
Surrogates:										
1,2-Dichloroethane-d4	100	%	70-133	1	02/18/10	jp	02/18/10	jp		
1,2-Dichloroethane-d4	100	%	70-133	20	02/18/10	jp	02/18/10	jp		
Toluene-d8	101	%	76-125	1	02/18/10	jp	02/18/10	jp		
Toluene-d8	102	%	76-125	20	02/18/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	13	ug/L	1.0	1	02/18/10	kb	02/20/10	avl		
Surrogates:										
Nitrobenzene-d5	57	%	36-103	1	02/18/10	kb	02/20/10	avl		
2-Fluorobiphenyl	60	%	36-119	1	02/18/10	kb	02/20/10	avl		
Terphenyl-d14	74	%	37-109	1	02/18/10	kb	02/20/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	<0.050	mg/L	0.050	1	02/18/10	jd	02/19/10	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-24 Date Collected: 02/16/10 08:45 Matrix: Ground Water
 Sample ID: MW-34s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/17/10	da	02/17/10	da		
Sulfate as SO4	2.8 mg/L	0.60	5	02/17/10	da	02/17/10	da		

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.13 mg/L	0.010	1	02/18/10	sm	02/18/10	sm		
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	400 mg/L	20	2	02/17/10	jd	02/18/10	sm		
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	27 mg/L	4.0	1	02/17/10	bd	02/18/10	da		
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	9300 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N	
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	9200 ug/L	400	400	02/23/10	jp	02/23/10	tml	N	
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-25 Date Collected: 02/16/10 09:30 Matrix: Ground Water
 Sample ID: MW-32s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	7.7 ug/L	5.0	10	02/18/10	jp	02/19/10	jp		
Toluene	10 ug/L	5.0	10	02/18/10	jp	02/19/10	jp		
Ethylbenzene	7400 ug/L	100	200	02/18/10	jp	02/18/10	jp		
m,p-Xylene	31000 ug/L	200	200	02/18/10	jp	02/18/10	jp	N	
o-Xylene	4800 ug/L	100	200	02/18/10	jp	02/18/10	jp	N	
Xylenes, total	36000 ug/L	300	200	02/18/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	100 %	70-133	10	02/18/10	jp	02/19/10	jp		
1,2-Dichloroethane-d4	102 %	70-133	200	02/18/10	jp	02/18/10	jp		
Toluene-d8	97 %	76-125	10	02/18/10	jp	02/19/10	jp		
Toluene-d8	103 %	76-125	200	02/18/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	130000 ug/L	1000	1000	02/18/10	kb	02/23/10	avl	606	
Surrogates:									
Nitrobenzene-d5	* %	36-103	1000	02/18/10	kb	02/23/10	avl	302	
2-Fluorobiphenyl	* %	36-119	1000	02/18/10	kb	02/23/10	avl	302	
Terphenyl-d14	* %	37-109	1000	02/18/10	kb	02/23/10	avl	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	0.13 mg/L	0.050	1	02/18/10	jd	02/19/10	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-25 Date Collected: 02/16/10 09:30 Matrix: Ground Water
Sample ID: MW-32s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/17/10	da	02/17/10	da
Sulfate as SO4	4.7 mg/L	0.60	5	02/17/10	da	02/17/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.53 mg/L	0.010	1	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	540 mg/L	20	2	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	15 mg/L	4.0	1	02/17/10	bd	02/18/10	da
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	4600 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	13000 ug/L	400	400	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-26 Date Collected: 02/16/10 10:20 Matrix: Ground Water
 Sample ID: MW-31s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	4.4 ug/L	2.5	5	02/18/10	jp	02/19/10	jp		
Toluene	11 ug/L	2.5	5	02/18/10	jp	02/19/10	jp		
Ethylbenzene	4000 ug/L	25	50	02/18/10	jp	02/18/10	jp		
m,p-Xylene	14000 ug/L	50	50	02/18/10	jp	02/18/10	jp	N	
o-Xylene	3600 ug/L	25	50	02/18/10	jp	02/18/10	jp	N	
Xylenes, total	17000 ug/L	75	50	02/18/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	99 %	70-133	5	02/18/10	jp	02/19/10	jp		
1,2-Dichloroethane-d4	102 %	70-133	50	02/18/10	jp	02/18/10	jp		
Toluene-d8	99 %	76-125	5	02/18/10	jp	02/19/10	jp		
Toluene-d8	102 %	76-125	50	02/18/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

413

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	1000 ug/L	26	25	02/18/10	kb	02/19/10	avl		
Surrogates:									
Nitrobenzene-d5	* %	36-103	25	02/18/10	kb	02/19/10	avl	302	
2-Fluorobiphenyl	* %	36-119	25	02/18/10	kb	02/19/10	avl	302	
Terphenyl-d14	* %	37-109	25	02/18/10	kb	02/19/10	avl	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	0.30 mg/L	0.050	1	02/18/10	jd	02/19/10	jlm		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-26 Date Collected: 02/16/10 10:20 Matrix: Ground Water
Sample ID: MW-31s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/17/10	da	02/17/10	da		
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Sulfate as SO4	56 mg/L	0.60	5	02/17/10	da	02/17/10	da		
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Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	16 mg/L	0.081	10	02/18/10	sm	02/18/10	sm		
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	600 mg/L	10	1	02/17/10	jd	02/18/10	sm		
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	54 mg/L	8.0	2	02/17/10	bd	02/18/10	da		
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	230 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N	
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	15000 ug/L	500	500	02/23/10	jp	02/23/10	tml	N	
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-27 Date Collected: 02/16/10 11:00 Matrix: Ground Water
Sample ID: MW-33s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Ethylbenzene	0.51 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
m,p-Xylene	4.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp	N	
o-Xylene	1.1 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	N	
Xylenes, total	5.1 ug/L	1.5	1	02/18/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	105 %	70-133	1	02/18/10	jp	02/18/10	jp		
Toluene-d8	99 %	76-125	1	02/18/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	21000 ug/L	250	250	02/18/10	kb	02/23/10	avl	606	
Surrogates:									
Nitrobenzene-d5	* %	36-103	250	02/18/10	kb	02/23/10	avl	302	
2-Fluorobiphenyl	* %	36-119	250	02/18/10	kb	02/23/10	avl	302	
Terphenyl-d14	* 15 %	37-109	250	02/18/10	kb	02/23/10	avl	302	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	0.060 mg/L	0.050	1	02/18/10	jd	02/19/10	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-27 Date Collected: 02/16/10 11:00 Matrix: Ground Water
 Sample ID: MW-33s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/17/10	da	02/17/10	da
Sulfate as SO4	6.2 mg/L	0.60	5	02/17/10	da	02/17/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	7.2 mg/L	0.040	5	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	420 mg/L	20	2	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	<4.0 mg/L	4.0	1	02/17/10	bd	02/18/10	da
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	6700 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015029

Methane	6900 ug/L	200	200	02/23/10	jp	02/24/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-28 Date Collected: 02/16/10 13:32 Matrix: Ground Water
 Sample ID: MW-28i Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Ethylbenzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
m,p-Xylene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp	N	
o-Xylene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	N	
Xylenes, total	<1.5 ug/L	1.5	1	02/18/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	107 %	70-133	1	02/18/10	jp	02/18/10	jp		
Toluene-d8	102 %	76-125	1	02/18/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	12 ug/L	1.0	1	02/18/10	kb	02/23/10	avl		
Surrogates:									
Nitrobenzene-d5	69 %	36-103	1	02/18/10	kb	02/23/10	avl		
2-Fluorobiphenyl	54 %	36-119	1	02/18/10	kb	02/23/10	avl		
Terphenyl-d14	62 %	37-109	1	02/18/10	kb	02/23/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	0.34 mg/L	0.050	1	02/18/10	jd	02/19/10	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-28 Date Collected: 02/16/10 13:32 Matrix: Ground Water
 Sample ID: MW-28i Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/17/10	da	02/17/10	da
Sulfate as SO4	0.96 mg/L	0.60	5	02/17/10	da	02/17/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.49 mg/L	0.010	1	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	470 mg/L	20	2	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	40 mg/L	8.0	2	02/17/10	bd	02/18/10	da
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	10 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	1400 ug/L	50	50	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-29 Date Collected: 02/16/10 14:32 Matrix: Ground Water
Sample ID: MW-28s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Ethylbenzene	8.9 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
m,p-Xylene	27 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		N
o-Xylene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		N
Xylenes, total	27 ug/L	1.5	1	02/18/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	104 %	70-133	1	02/18/10	jp	02/18/10	jp		
Toluene-d8	103 %	76-125	1	02/18/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	65 ug/L	0.99	1	02/18/10	kb	02/23/10	avl		
Surrogates:									
Nitrobenzene-d5	59 %	36-103	1	02/18/10	kb	02/23/10	avl		
2-Fluorobiphenyl	48 %	36-119	1	02/18/10	kb	02/23/10	avl		
Terphenyl-d14	60 %	37-109	1	02/18/10	kb	02/23/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	0.40 mg/L	0.050	1	02/18/10	jd	02/19/10	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-29 Date Collected: 02/16/10 14:32 Matrix: Ground Water
 Sample ID: MW-28s Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	0.34 mg/L	0.075	5	02/17/10	da	02/17/10	da
Sulfate as SO4	<0.60 mg/L	0.60	5	02/17/10	da	02/17/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.22 mg/L	0.010	1	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	330 mg/L	20	2	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	24 mg/L	8.0	2	02/17/10	bd	02/18/10	da
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	240 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	2100 ug/L	50	50	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-30 Date Collected: 02/16/10 15:30 Matrix: Ground Water
 Sample ID: MW-19-12 Date Received: 02/17/10 10:21

PARAMETERS	RESULTS	UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	3.0	CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-31 Date Collected: 02/16/10 16:15 Matrix: Ground Water
Sample ID: RB-02 Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/18/10	jp	02/18/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	112 %	70-133	1	02/18/10	jp	02/18/10	jp	
Toluene-d8	102 %	76-125	1	02/18/10	jp	02/18/10	jp	

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	<0.97 ug/L	0.97	1	02/18/10	kb	02/20/10	avl	
Surrogates:								
Nitrobenzene-d5	77 %	36-103	1	02/18/10	kb	02/20/10	avl	
2-Fluorobiphenyl	64 %	36-119	1	02/18/10	kb	02/20/10	avl	
Terphenyl-d14	85 %	37-109	1	02/18/10	kb	02/20/10	avl	

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	<0.050 mg/L	0.050	1	02/18/10	jd	02/19/10	jlm	
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn	
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-31 Date Collected: 02/16/10 16:15 Matrix: Ground Water
 Sample ID: RB-02 Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/17/10	da	02/17/10	da
Sulfate as SO4	0.66 mg/L	0.60	5	02/17/10	da	02/17/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	<0.010 mg/L	0.010	1	02/18/10	sm	02/18/10	adm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	<10 mg/L	10	1	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	24 mg/L	8.0	2	02/17/10	bd	02/18/10	da
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	1.0 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	<1.0 ug/L	1.0	1	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-32 Date Collected: 02/16/10 12:00 Matrix: Ground Water
Sample ID: DUP-02 Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED	BY	ANALYZED	BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Toluene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
Ethylbenzene	8.8 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		
m,p-Xylene	27 ug/L	1.0	1	02/18/10	jp	02/18/10	jp		N
o-Xylene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp		N
Xylenes, total	27 ug/L	1.5	1	02/18/10	jp	02/18/10	jp		
Surrogates:									
1,2-Dichloroethane-d4	102 %	70-133	1	02/18/10	jp	02/18/10	jp		
Toluene-d8	102 %	76-125	1	02/18/10	jp	02/18/10	jp		

SEMI-VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8270C

Batch: T014943

Bis(2-ethylhexyl)phthalate	100 ug/L	1.9	2	02/18/10	kb	02/23/10	avl		606
Surrogates:									
Nitrobenzene-d5	87 %	36-103	2	02/18/10	kb	02/23/10	avl		
2-Fluorobiphenyl	71 %	36-119	2	02/18/10	kb	02/23/10	avl		
Terphenyl-d14	85 %	37-109	2	02/18/10	kb	02/23/10	avl		

METALS, TOTAL

Analysis Method: EPA 6010B

Batch: T014940

Phosphorus	0.40 mg/L	0.050	1	02/18/10	jd	02/19/10	jlm		
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METALS, DISSOLVED

Analysis Method: EPA 6020

Batch: T014935

Lead	<0.0030 mg/L	0.0030	1	02/17/10	jn	02/18/10	jn		
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-32 Date Collected: 02/16/10 12:00 Matrix: Ground Water
 Sample ID: DUP-02 Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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WET CHEMISTRY

Analysis Method: EPA 300.0 Rev. 2.1

Batch: T014911

Nitrate as N	<0.075 mg/L	0.075	5	02/17/10	da	02/17/10	da
Sulfate as SO4	<0.60 mg/L	0.60	5	02/17/10	da	02/17/10	da

Analysis Method: EPA 350.1 Rev. 2.0

Batch: T014949

Ammonia as N	0.21 mg/L	0.010	1	02/18/10	sm	02/18/10	sm
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Analysis Method: SM 2540 C-97

Batch: T014932

Total Dissolved Solids	330 mg/L	20	2	02/17/10	jd	02/18/10	sm
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Analysis Method: SM 2540 D-97

Batch: T014925

Total Suspended Solids	<4.0 mg/L	4.0	1	02/17/10	bd	02/18/10	da
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Analysis Method: SM9215B

Batch: T014954

Heterotrophic Plate Count	210 CFU/ml	1.0	1	02/17/10	da	02/19/10	da	N
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VOLATILE ORGANIC COMPOUNDS BY GC

Analysis Method: RSK-175(MOD) / ISOTECH

Batch: T015025

Methane	2100 ug/L	50	50	02/23/10	jp	02/23/10	tml	N
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ANALYTICAL RESULTS

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

Trace ID: T10B149-33 Date Collected: 02/11/10 Matrix: Ground Water
 Sample ID: TRIP BLANK Date Received: 02/17/10 10:21

PARAMETERS	RESULTS UNITS	RDL	DILUTION	PREPARED BY	ANALYZED BY	NOTES	MCL
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VOLATILE ORGANIC COMPOUNDS BY GC-MS

Analysis Method: EPA 8260B

Batch: T014983

Benzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	
Toluene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	
Ethylbenzene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	
m,p-Xylene	<1.0 ug/L	1.0	1	02/18/10	jp	02/18/10	jp	N
o-Xylene	<0.50 ug/L	0.50	1	02/18/10	jp	02/18/10	jp	N
Xylenes, total	<1.5 ug/L	1.5	1	02/18/10	jp	02/18/10	jp	
Surrogates:								
1,2-Dichloroethane-d4	110 %	70-133	1	02/18/10	jp	02/18/10	jp	
Toluene-d8	102 %	76-125	1	02/18/10	jp	02/18/10	jp	

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QUALITY CONTROL RESULTS

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T015025

Analysis Description: Dissolved Gases

QC Batch Method: RSK-175(MOD) / ISOTECH

Analysis Method: RSK-175(MOD) / ISOTECH

METHOD BLANK: T015025-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

METHOD BLANK: T015025-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

METHOD BLANK: T015025-BLK3

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T015025-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	12.0	94	70-130	

LABORATORY CONTROL SAMPLE: T015025-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	11.7	91	70-130	

LABORATORY CONTROL SAMPLE: T015025-BS3

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	11.2	87	70-130	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015025-MSD1

Original: T10B149-28

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Methane	ug/L	1400	640	2000	1970	93	88	70-130	6	15	

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T015025-MSD2

Original: T10B149-19

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Methane	ug/L	1460	12.8	0.00	<	-11400	-11400	70-130		15	220

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T015029

Analysis Description: Dissolved Gases

QC Batch Method: RSK-175(MOD) / ISOTECH

Analysis Method: RSK-175(MOD) / ISOTECH

METHOD BLANK: T015029-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methane	ug/L	<1.0	1.0	

LABORATORY CONTROL SAMPLE: T015029-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Methane	ug/L	12.8	10.8	84	70-130	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014917

Analysis Description: Phosphorus, Total

QC Batch Method: EPA 3015 Microwave Assisted

Analysis Method: EPA 6010B

METHOD BLANK: T014917-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus	mg/L	<0.050	0.050	

LABORATORY CONTROL SAMPLE: T014917-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus	mg/L	8.89	9.14	103	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014917-MSD1

Original: T10B149-19

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Phosphorus	mg/L	0.240	8.89	9.58	9.62	105	106	75-125	0.4	20	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

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QC Batch: T014940

Analysis Description: Phosphorus, Total

QC Batch Method: EPA 3015 Microwave Assisted

Analysis Method: EPA 6010B

METHOD BLANK: T014940-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Phosphorus	mg/L	<0.050	0.050	

LABORATORY CONTROL SAMPLE: T014940-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Phosphorus	mg/L	8.89	9.29	105	80-120	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014917

Analysis Description: Lead, Total

QC Batch Method: EPA 3015 Microwave Assisted

Analysis Method: EPA 6020

METHOD BLANK: T014917-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

LABORATORY CONTROL SAMPLE: T014917-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.0556	0.0602	108	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014917-MSD1

Original: T10B149-19

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.0556	0.0598	0.0593	108	107	75-125	0.8	20	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014935

Analysis Description: Lead, Dissolved

QC Batch Method:

Analysis Method: EPA 6020

METHOD BLANK: T014935-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Lead	mg/L	<0.0030	0.0030	

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LABORATORY CONTROL SAMPLE: T014935-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Lead	mg/L	0.250	0.250	100	80-120	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014935-MSD1 Original: T10B149-19

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.250	0.247	0.251	99	101	75-125	2	20	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014935-MSD2 Original: T10B149-21

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Lead	mg/L	0	0.250	0.244	0.243	98	97	75-125	0.3	20	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014919

Analysis Description: Semi-volatiles, TCL list

QC Batch Method: EPA 3510C Separatory Funnel

Analysis Method: EPA 8270C

METHOD BLANK: T014919-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<5.0	5.0	
Nitrobenzene-d5 (S)	%	59	36-103	
2-Fluorobiphenyl (S)	%	59	36-119	
Terphenyl-d14 (S)	%	73	37-109	

LABORATORY CONTROL SAMPLE: T014919-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	82.7	83	57-107	
Nitrobenzene-d5 (S)	%	100	73.2	73	36-103	
2-Fluorobiphenyl (S)	%	100	74.0	74	36-119	
Terphenyl-d14 (S)	%	100	87.9	88	37-109	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014919-MSD1 Original: T10B149-10

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Bis(2-ethylhexyl)phthalate	ug/L	18.3	94.7	94.0	92.5	80	78	52-106	2	29	
Nitrobenzene-d5 (S)	%		94.7	65.7	58.7	69	62	36-103			
2-Fluorobiphenyl (S)	%		94.7	68.0	67.2	72	71	36-119			

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014919-MSD1 Original: **T10B149-10**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Terphenyl-d14 (S)	%		94.7	77.1	74.1	81	78	37-109			

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014943	Analysis Description: Semi-volatiles, TCL list
QC Batch Method: EPA 3510C Separatory Funnel	Analysis Method: EPA 8270C

METHOD BLANK: T014943-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	<1.0	1.0	
Nitrobenzene-d5 (S)	%	59	36-103	
2-Fluorobiphenyl (S)	%	58	36-119	
Terphenyl-d14 (S)	%	82	37-109	

LABORATORY CONTROL SAMPLE: T014943-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Bis(2-ethylhexyl)phthalate	ug/L	100	75.7	76	57-107	
Nitrobenzene-d5 (S)	%	100	59.0	59	36-103	
2-Fluorobiphenyl (S)	%	100	57.7	58	36-119	
Terphenyl-d14 (S)	%	100	72.2	72	37-109	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014943-MSD1 Original: **T10B149-19**

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Bis(2-ethylhexyl)phthalate	ug/L	3.90	98.1	81.5	85.9	79	84	52-106	5	29	
Nitrobenzene-d5 (S)	%		98.1	69.1	69.8	70	71	36-103			
2-Fluorobiphenyl (S)	%		98.1	68.1	68.6	69	70	36-119			
Terphenyl-d14 (S)	%		98.1	78.4	76.3	80	78	37-109			

Trace Project ID: T10B149
 Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014951	Analysis Description: Volatiles, BTEX/MTBE (GC/MS)
QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous	Analysis Method: EPA 8260B

METHOD BLANK: T014951-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Methyl-tert-butyl ether	ug/L	<0.50	0.50	
Benzene	ug/L	<0.50	0.50	

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METHOD BLANK: T014951-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Toluene	ug/L	<0.50	0.50	
Ethylbenzene	ug/L	<0.50	0.50	
m,p-Xylene	ug/L	<1.0	1.0	
o-Xylene	ug/L	<0.50	0.50	
Xylenes, total	ug/L	<1.5	1.5	
1,2-Dichloroethane-d4 (S)	%	114	70-133	
Toluene-d8 (S)	%	102	76-125	

LABORATORY CONTROL SAMPLE: T014951-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.5	97	80-120	
Toluene	ug/L	20.0	20.2	101	80-120	
1,2-Dichloroethane-d4 (S)	%	26.0	27.8	107	70-133	
Toluene-d8 (S)	%	26.0	25.6	98	76-125	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014952

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

METHOD BLANK: T014952-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<0.50	0.50	
Toluene	ug/L	<0.50	0.50	
Ethylbenzene	ug/L	<0.50	0.50	
m,p-Xylene	ug/L	<1.0	1.0	
o-Xylene	ug/L	<0.50	0.50	
Xylenes, total	ug/L	<1.5	1.5	
1,2-Dichloroethane-d4 (S)	%	107	70-133	
Toluene-d8 (S)	%	110	76-125	

LABORATORY CONTROL SAMPLE: T014952-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.3	96	80-120	
Toluene	ug/L	20.0	19.6	98	80-120	
1,2-Dichloroethane-d4 (S)	%	26.0	28.6	110	70-133	
Toluene-d8 (S)	%	26.0	28.0	108	76-125	

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MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014952-MSD1

Original: T10B149-10

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	20.0	19.9	19.2	100	96	78-114	4	11	
Toluene	ug/L	0	20.0	20.0	20.1	100	101	77-118	0.6	10	
1,2-Dichloroethane-d4 (S)	%		26.0	28.9	28.1	111	108	70-133			
Toluene-d8 (S)	%		26.0	28.6	27.9	110	107	76-125			

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014983

Analysis Description: Volatiles, BTEX/MTBE (GC/MS)

QC Batch Method: EPA 5030B Purge-and-Trap for Aqueous

Analysis Method: EPA 8260B

METHOD BLANK: T014983-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Benzene	ug/L	<0.50	0.50	
Toluene	ug/L	<0.50	0.50	
Ethylbenzene	ug/L	<0.50	0.50	
m,p-Xylene	ug/L	<1.0	1.0	
o-Xylene	ug/L	<0.50	0.50	
Xylenes, total	ug/L	<1.5	1.5	
1,2-Dichloroethane-d4 (S)	%	109	70-133	
Toluene-d8 (S)	%	105	76-125	

LABORATORY CONTROL SAMPLE: T014983-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Benzene	ug/L	20.0	19.8	99	80-120	
Toluene	ug/L	20.0	20.6	103	80-120	
1,2-Dichloroethane-d4 (S)	%	28.0	30.5	109	70-133	
Toluene-d8 (S)	%	28.0	28.8	103	76-125	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014983-MSD1

Original: T10B149-19

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Benzene	ug/L	0	20.0	20.6	22.0	103	110	78-114	6	11	
Toluene	ug/L	0	20.0	20.4	22.0	102	110	77-118	8	10	
1,2-Dichloroethane-d4 (S)	%		28.0	30.4	30.3	108	108	70-133			
Toluene-d8 (S)	%		28.0	28.5	28.6	102	102	76-125			

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

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QC Batch: T014911

Analysis Description: Nitrate

QC Batch Method: IC Prep W

Analysis Method: EPA 300.0 Rev. 2.1

METHOD BLANK: T014911-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	0.0690	0.0060	
Sulfate as SO4	mg/L	<0.12	0.12	

METHOD BLANK: T014911-BLK2

Parameter	Units	Blank Result	Reporting Limit	Notes
Nitrate as N	mg/L	<0.0060	0.0060	
Sulfate as SO4	mg/L	<0.12	0.12	

LABORATORY CONTROL SAMPLE: T014911-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.545	109	90-110	

LABORATORY CONTROL SAMPLE: T014911-BS2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Nitrate as N	mg/L	0.500	0.498	100	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014911-MSD1

Original: T10B149-19

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Nitrate as N	mg/L	0.352	6.00	5.82	5.78	91	90	80-120	0.9	20	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014949

Analysis Description: Nitrogen, Ammonia

QC Batch Method: EPA 350.1 Rev. 2.0

Analysis Method: EPA 350.1 Rev. 2.0

METHOD BLANK: T014949-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Ammonia as N	mg/L	<0.010	0.010	

LABORATORY CONTROL SAMPLE: T014949-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
-----------	-------	-------------	------------	-----------	-------------	-------

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LABORATORY CONTROL SAMPLE: T014949-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Ammonia as N	mg/L	1.00	0.976	98	90-110	

MATRIX SPIKE / MATRIX SPIKE DUPLICATE: T014949-MSD1

Original: T10B149-19

Parameter	Units	Original Result	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limit	RPD	Max RPD	Notes
Ammonia as N	mg/L	0.445	10.0	10.0	10.2	96	97	90-110	1	7.9	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014932

Analysis Description: Total Dissolved Solids

QC Batch Method: SM 2540 C-97

Analysis Method: SM 2540 C-97

METHOD BLANK: T014932-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Dissolved Solids	mg/L	<10	10	

SAMPLE DUPLICATE: T014932-DUP1

Original: T10B149-19

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Dissolved Solids	mg/L	278	278	0	20	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014925

Analysis Description: Total Suspended Solids

QC Batch Method: SM 2540 D-97

Analysis Method: SM 2540 D-97

METHOD BLANK: T014925-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<4.0	4.0	

LABORATORY CONTROL SAMPLE: T014925-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	45.0	90	85-115	

Trace Project ID: T10B149

Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014926

Analysis Description: Total Suspended Solids

QC Batch Method: SM 2540 D-97

Analysis Method: SM 2540 D-97

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METHOD BLANK: T014926-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Total Suspended Solids	mg/L	<2.0	2.0	

LABORATORY CONTROL SAMPLE: T014926-BS1

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limit	Notes
Total Suspended Solids	mg/L	50.0	47.0	94	85-115	

SAMPLE DUPLICATE: T014926-DUP1 Original: **T10B149-19**

Parameter	Units	Original Result	DUP Result	RPD	Max RPD	Notes
Total Suspended Solids	mg/L	62.0	58.0	7	20	

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014905	Analysis Description: Heterotrophic Plate Count
QC Batch Method: SM9215B	Analysis Method: SM9215B

METHOD BLANK: T014905-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

Trace Project ID: T10B149
Client Project ID: LEC Monitoring / 6527.41

QC Batch: T014954	Analysis Description: Heterotrophic Plate Count
QC Batch Method: SM9215B	Analysis Method: SM9215B

METHOD BLANK: T014954-BLK1

Parameter	Units	Blank Result	Reporting Limit	Notes
Heterotrophic Plate Count	CFU/ml	<1.0	1.0	

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Page 1 of 3

TRACE ID NO.
T10B149

Report Results To:	Client Name: <u>RMT Inc</u>	Contact Person: <u>JENNIFER OVERVOORDE</u>	Mailing Address: <u>2025 E. BELTLINE AVE SE SUITE 402</u>	City, State, Zip Code: <u>Grand Rapids MI 49506</u>	Phone: <u>616 975 5415</u>	Fax: <u>616 975 1098</u>	Email Address: <u>JENNIFER.OVERVOORDE@RMTINC.COM</u>	Project #: <u>6527.41</u>	PO #: _____	Trace Quote #: _____	TRACE USE ONLY	Logged By: <u>gm</u>	Checked By: <u>Bml</u>						
	Received on ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Preservative Checked: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A																	
	Soil Volatiles Preserved: MeOH En Core Low Level Lab											Regulatory Requirements	Turnaround Requirements	Matrix Key					
	MERA TMDLs <input type="checkbox"/>	Drinking Water <input type="checkbox"/>	NPDES <input type="checkbox"/>	USACE <input type="checkbox"/>	Special <input type="checkbox"/>	Standard (2 wk) <input checked="" type="checkbox"/>	* 5 Day <input type="checkbox"/>	* 2-4 Day (RUSH) <input type="checkbox"/>	* 24 Hour (RUSH) <input type="checkbox"/>	* Requires prior approval <input type="checkbox"/>					S = Soil	W = Water	SE = Sediment	OI = Oil	SO = Solid Waste
Bill To:	Billing Address (if different) _____	City, State, Zip Code <u>MADISON WI</u>	Attn: _____	Phone: _____	Fax: _____	Project Name: <u>LED MONITORING</u>	Sampled by: <u>SD</u>	ANALYSIS REQUESTED	Possible Health Hazard	REMARKS	TRACE USE ONLY	Regulatory Requirements	Turnaround Requirements	Matrix Key					
	MERA TMDLs <input type="checkbox"/>	Drinking Water <input type="checkbox"/>	NPDES <input type="checkbox"/>	USACE <input type="checkbox"/>	Special <input type="checkbox"/>	Standard (2 wk) <input checked="" type="checkbox"/>	* 5 Day <input type="checkbox"/>								* 2-4 Day (RUSH) <input type="checkbox"/>	* 24 Hour (RUSH) <input type="checkbox"/>	* Requires prior approval <input type="checkbox"/>	S = Soil	W = Water

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED										REMARKS	Possible Health Hazard					
							BEN	DEHP	CHL	HPC	MS/MSD	MS/MSD	MS/MSD	MS/MSD	MS/MSD	MS/MSD			MS/MSD	MS/MSD			
1	2/13/10	1040	NA	DRC-02	W	4	2	2															
2	2/13/10	1050		SW-D-5	W	4	2	2															
3	2/13/10	1110		SW-R-1	W	4	2	2															
4	2/13/10	1120		SW-R-2	W	4	2	2															
5	2/13/10	1135		SW-R-3	W	4	2	2															
6	2/13/10	1145		SW-R-4	W	4	2	2															
7	2/13/10	1200		SW-D-4	W	4	2	2															
8	2/13/10	1235		SW-R-6	W	4	2	2															
9	2/13/10	1320		SW-D-3	W	4	2	2															
10	2/13/10	1345	✓	SW-D-2	W	12	6	6															MS/MSD

Please Sign		Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
		1)	<u>[Signature]</u>	<u>FEDEX</u>	<u>2/15/10</u>	<u>1830</u>	3)				
		2)	<u>[Signature]</u>	<u>[Signature]</u>	<u>2/16/10</u>	<u>1012</u>	4)				

In executing this agreement, the client acknowledges acceptance of the terms of the agreement as listed on the reverse side.

TRACE
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Page 2 of 3

TRACE ID NO. T10B149

Report Results To:
 Client Name: RMT Inc.
 Contact Person: JENNIFER OVERVOORDE
 Mailing Address: 2025 E. BELTLINE AVE SE SUITE 102
 City, State, Zip Code: GRAND RAPIDS MI 49546
 Phone: 616 975 5415 Fax: 616 975 1098
 Email Address: JENNIFER.OVERVOORDE@RMTINC.COM
 Project #: 6527.41 PO #: _____ Trace Quote #: _____
 Project Name: LEC MONITORING Sampled by: SD

Bill To:
 Billing Address (if different) _____
 City, State, Zip Code: MADISON WI
 Attn: _____ Phone: _____ Fax: _____

TRACE USE ONLY
 Logged By: JA Checked By: PMU
 Received on ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH En Core Low Level Lab

Regulatory Requirements	Turnaround Requirements	Matrix Key
MERA TMDL's <input type="checkbox"/> Drinking Water <input type="checkbox"/> NPDES <input type="checkbox"/> USACE <input type="checkbox"/> Special <input type="checkbox"/>	Standard (2 wk) <input checked="" type="checkbox"/> * 5 Day <input type="checkbox"/> * 2-4 Day (RUSH) <input type="checkbox"/> * 24 Hour (RUSH) <input type="checkbox"/> * Requires prior approval	S = Soil W = Water SE = Sediment OI = Oil SO = Solid Waste WI = Wipes LW = Liquid Waste A = Air D = Drinking Water SL = Sludge

ANALYSIS REQUESTED

BTEX DEMP CMU HPC NO3 / SO4 / MS / HDS VAPOR / P. DIST. Pb.										Possible Health Hazard
REMARKS										

Request for Analytical Services

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS
11	2/13/10	1400	NA	SW-D-1	W	4
12	2/13/10	1415	NA	RB-01	W	4
13	2/13/10	—	NA	DUP-01	W	4
14	2/14/10	1330	—	MW-27s	W	8
15	2/15/10	0804	Y	MW-19-12	W	10
16	2/15/10	0927	Y	MW-29s	W	10
17	2/15/10	1158	Y	MW-25(R)	W	10
18	2/15/10	1413	Y	MW-30D	W	10
19	2/15/10	1545	Y	MW-8	W	20
20	2/15/10	1615	N	ATM-01	W	10

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<u>Scott Kowalski</u>	<u>FROEX</u>	<u>2/15/10</u>	<u>1830</u>	3)				
2)	<u>Fel Ex</u>	<u>J. [Signature]</u>	<u>2/16/10</u>	<u>1027</u>	4)				

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TRACE ID NO. T10B149

Report Results To:

Client Name: RMT INC
 Contact Person: JENNIFER OVERBORDE
 Mailing Address: 2025 E. BELTLINE AVE SE SUITE 402
 City, State, Zip Code: GRAND RAPIDS MI 49546
 Phone: 616 975 5415 Fax: 616 975 1098
 Email Address: JENNIFER.OVERBORDE@RMTINC.COM
 Project #: 6527.41 PO #: _____ Trace Quote #: _____
 Project Name: LEC MONITORING Sampled by: SP

Bill To:

Billing Address (if different) _____
 City, State, Zip Code: MADISON WI
 Attn: _____ Phone: _____ Fax: _____

TRACE USE ONLY
 Logged By: [Signature] Checked By: [Signature]
 Received on ice: Yes No Preservative Checked: Yes No N/A
 Soil Volatiles Preserved: MeOH En Core Low Level Lab

Regulatory Requirements Turnaround Requirements Matrix Key
 MERA TMDLs Standard (2 wk) S = Soil WI = Wipes
 Drinking Water * 5 Day W = Water LW = Liquid Waste
 NPDES * 2-4 Day (RUSH) SE = Sediment A = Air
 USACE * 24 Hour (RUSH) OI = Oil D = Drinking Water
 Special * Requires prior approval SO = Solid Waste SL = Sludge

ANALYSIS REQUESTED

Request for Analytical Services

TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	ANALYSIS REQUESTED				REMARKS	Possible Health Hazard			
23	2/16/10	0805	y	MW-35s	W	10	2	2	2	1	1	1	1		
24	2/16/10	0845	y	MW-34s	W	10	2	2	2	1	1	1	1		
25	2/16/10	0930	y	MW-32s	W	10	2	2	2	1	1	1	1		
26	2/16/10	1020	y	MW-31s	W	10	2	2	2	1	1	1	1		
27	2/16/10	1105	y	MW-33s	W	10	2	2	2	1	1	1	1		
28	2/16/10	1332	y	MW-28i	W	10	2	2	2	1	1	1	1		
29	2/16/10	1432	y	MW-28s	W	10	2	2	2	1	1	1	1		
30	2/16/10	1530	NA	MW-19-12	W	1				1					
31	2/16/10	1615	N	RB-02	W	10	2	2	2	1	1	1	1		NOT FILTERED, TOTAL Pb.
32	2/16/10	-	y	DUP-02	W	10	2	2	2	1	1	1	1		

Please Sign

Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	[Signature]	[Signature]	2/16/10	1800	3)				
2)	[Signature]	[Signature]	2/17/10	10:19	4)				

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Page 2 of 2

TRACE ID NO. T10B149

Report Results To:	Client Name: <u>RMT INC</u>				TRACE USE ONLY		Logged By: <u>JM</u>		Checked By: <u>PML</u>	
	Contact Person: <u>JENNIFER OVERDORDE</u>						Received on ice: <input checked="" type="checkbox"/> Yes No		Preservative Checked: <input checked="" type="checkbox"/> Yes No N/A	
	Mailing Address: <u>2025 E. BELTLINE AVE. SE SUITE 402</u>						Soil Volatiles Preserved: MeOH En Core Low Level Lab			
	City, State, Zip Code: <u>Grand Rapids MI 49546</u>				Regulatory Requirements		Turnaround Requirements		Matrix Key	
	Phone: <u>616 975 5415</u>		Fax: <u>616 975 1092</u>							
	Email Address: <u>JENNIFER.OVERDORDE@RMTINC.COM</u>									
Project #: <u>6527.41</u>		Trace Quote #:								
Project Name: <u>LEC MONITORING</u>				Sampled by: <u>SP</u>						
Bill To:	Billing Address (if different)				ANALYSIS REQUESTED					
	City, State, Zip Code: <u>MADISON WI</u>									
	Attn: Phone: Fax:									
Request for Analytical Services	TRACE NO.	DATE TAKEN	TIME TAKEN	METALS FIELD FILTERED	CLIENT SAMPLE ID	MATRIX	NUMBER OF CONTAINERS	REMARKS		Possible Health Hazard
	<u>33</u>	<u>2/16/10</u>	<u>—</u>	<u>NA</u>	<u>Trip Blank</u>	<u>W</u>	<u>1</u>			

Please Sign		Item #	RELEASED BY	RECEIVED BY	DATE	TIME	Item #	RELEASED BY	RECEIVED BY	DATE	TIME
1)	<u>Scott Lambing</u>			<u>FEDEX</u>	<u>2/16/10</u>	<u>1800</u>	3)				
2)	<u>FEDEX</u>			<u>JM</u>	<u>2/17/10</u>	<u>10:15</u>	4)				

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SAMPLE LOG IN CHECKLIST

Date: <u>2/16/10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>5</u>	
Trace ID #: <u>T10B19</u>		Project Name: <u>LEC Quarterly</u>		Cooler #s: _____	
Logged in by: <u>JW</u>				Cooler #s: _____	
Cooler Receipt					
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>	Hand delivered <input type="checkbox"/>	Name of delivery person: _____	
		Commercial courier <input checked="" type="checkbox"/>	UPS <input type="checkbox"/>	DHL <input type="checkbox"/>	FED EX <input type="checkbox"/>
		US Mail <input type="checkbox"/>			
Did cooler come with a bill of lading?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>		Way Bill or Tracking #: _____	
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>		<input type="checkbox"/> Not Applicable	
		Yes <input type="checkbox"/>			
Custody seals signed by Client?		No <input type="checkbox"/>		Client custody seal # (if applicable): _____	
		Yes <input type="checkbox"/>			
Coolant and Temperature					
Type of Coolant Used			Cooler Temperature Correction Factor +0.1 °C		
	Yes	No	Date: <u>2/16/10</u>	Time: <u>10:22</u>	
Slurry w/ crushed, cubed, or chip ice?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Temperature Blank: <u>2.6</u>	°C	
Multiple bags of ice around samples?	<input type="checkbox"/>	<input type="checkbox"/>	Range of 3 samples: <u>3.0 - 4.6</u>	°C	
Ice Packs/ Blue Ice :	<input type="checkbox"/>	<input type="checkbox"/>	Melt Water: _____	°C	
No Coolant Present:	<input type="checkbox"/>	<input type="checkbox"/>	Ice still present upon receipt: <input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
General					
	Yes	No	NA		
COC taped to inside of cooler lid?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
All bottles arrived unbroken with labels in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Each sample point is in a sealed plastic bag?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Labels filled out completely?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
All bottle labels agree with Chain of Custody (COC)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Sufficient sample to run tests requested?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
pH checked and samples at correct pH?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Correct preservative added to samples?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
DRO/GRO samples received and appropriate check in form completed?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Air bubbles absent from VOAs?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
COC filled out properly and signed by client?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
COC signed in by TRACE sample custodian?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Was project manager called and samples discussed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Contact: _____			Date: _____		
Notes:					

CERTIFICATE OF ANALYSIS

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SAMPLE LOG IN CHECKLIST

Date: <u>2/17/10</u>		Client Name: <u>RMT</u>		# of Coolers: <u>3</u>		
Trace ID #: <u>T10B149</u>		Project Name: <u>LEC</u>		Cooler #s: _____		
		Logged in by: <u>DM</u>		Cooler #s: _____		
Cooler Receipt						
Cooler/samples delivered by:		Trace courier <input type="checkbox"/>	Hand delivered <input type="checkbox"/>	Name of delivery person: _____		
		Commercial courier <input checked="" type="checkbox"/>	UPS <input type="checkbox"/>	DHL <input type="checkbox"/>	FED EX <input type="checkbox"/>	
		US Mail <input checked="" type="checkbox"/>				
Did cooler come with a bill of lading?		No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>			
		Yes <input type="checkbox"/>	Way Bill or Tracking #: _____			
COC Seals present and intact on cooler?		No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>			
		Yes <input type="checkbox"/>				
Custody seals signed by Client?		No <input checked="" type="checkbox"/>	Client custody seal # (if applicable): _____			
		Yes <input type="checkbox"/>				
Coolant and Temperature						
Type of Coolant Used			Cooler Temperature			
			Correction Factor <u>0.0</u> °C			
			Date: <u>2/17/10</u> Time: <u>10:30</u>			
Slurry w/ crushed, cubed, or chip ice? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Temperature Blank: <u>-2.2</u> °C			
Multiple bags of ice around samples? <input type="checkbox"/> Yes <input type="checkbox"/> No			Range of 3 samples: <u>0.6 - 1.6</u> °C			
Ice Packs/ Blue Ice: <input type="checkbox"/> Yes <input type="checkbox"/> No			Melt Water: _____ °C			
No Coolant Present: <input type="checkbox"/> Yes <input type="checkbox"/> No			Ice still present upon receipt: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
General						
				Yes	No	NA
COC taped to inside of cooler lid?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottles arrived unbroken with labels in good condition?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Each sample point is in a sealed plastic bag?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labels filled out completely?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All bottle labels agree with Chain of Custody (COC)?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient sample to run tests requested?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH checked and samples at correct pH?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct preservative added to samples?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DRO/GRO samples received and appropriate check in form completed?				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air bubbles absent from VOAs?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC filled out properly and signed by client?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC signed in by TRACE sample custodian?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Was project manager called and samples discussed?				<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Contact: _____		Date: _____				
Notes:						

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Appendix C

Photographic Summary

Photographic Log

Client Name: L.E. Carpenter & Company	Site Location: Wharton, NJ	Project No.: 6527.41
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Photo No. 1	Date 2/16/10	
Description Standing at MW-28s and MW-28i looking East across the site.		

Photo No. 2	Date 2/17/10	
Description Standing at MW-30d, MW-30i, & MW-30s (shown in foreground) looking West across the site.		

Photographic Log

Client Name: L.E. Carpenter & Company		Site Location: Wharton, NJ	Project No.: 6527.41
Photo No. 3	Date 2/13/10		
Description Standing near the wetland boundary looking North towards MW-30d, MW-30i, & MW-30s.			

Photo No. 4	Date 2/13/10		
Description Standing just outside of wetland area looking NE into wetland area. Monitoring wells MW-31s is shown in the picture.			

Photographic Log

Client Name: L.E. Carpenter & Company		Site Location: Wharton, NJ	Project No.: 6527.41
Photo No. 5	Date 2/13/10		
Description Standing just outside of wetland area looking East into wetland area. Monitoring wells MW-32s and MW-34s are shown in the picture.			

Photo No. 6	Date 2/13/10		
Description Standing South of SW-D-4 looking east down the drainage ditch.			

Photographic Log

Client Name: L.E. Carpenter & Company		Site Location: Wharton, NJ	Project No.: 6527.41
Photo No. 7	Date 2/13/10		
Description Standing South of SW-D-4 looking North (upstream) in the drainage ditch.			

Photo No. 8	Date 2/15/10		
Description Standing in the wetland area near MW-35s looking West towards the site. MW-34s, MW-33s, MW-32s, and MW-31s are visible in the picture.			

Photographic Log

Client Name: L.E. Carpenter & Company	Site Location: Wharton, NJ	Project No.: 6527.41
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Photo No. 9	Date 2/13/10	
Description Ditch River Confluence (DRC-2). Looking south (downstream) in the ditch toward the Rockaway River.		

Photo No. 10	Date 2/13/10	
Description Ditch River Confluence (DRC-2). Looking North (upstream) in the ditch toward the Beaver Dam and SW-D-5.		

Photographic Log

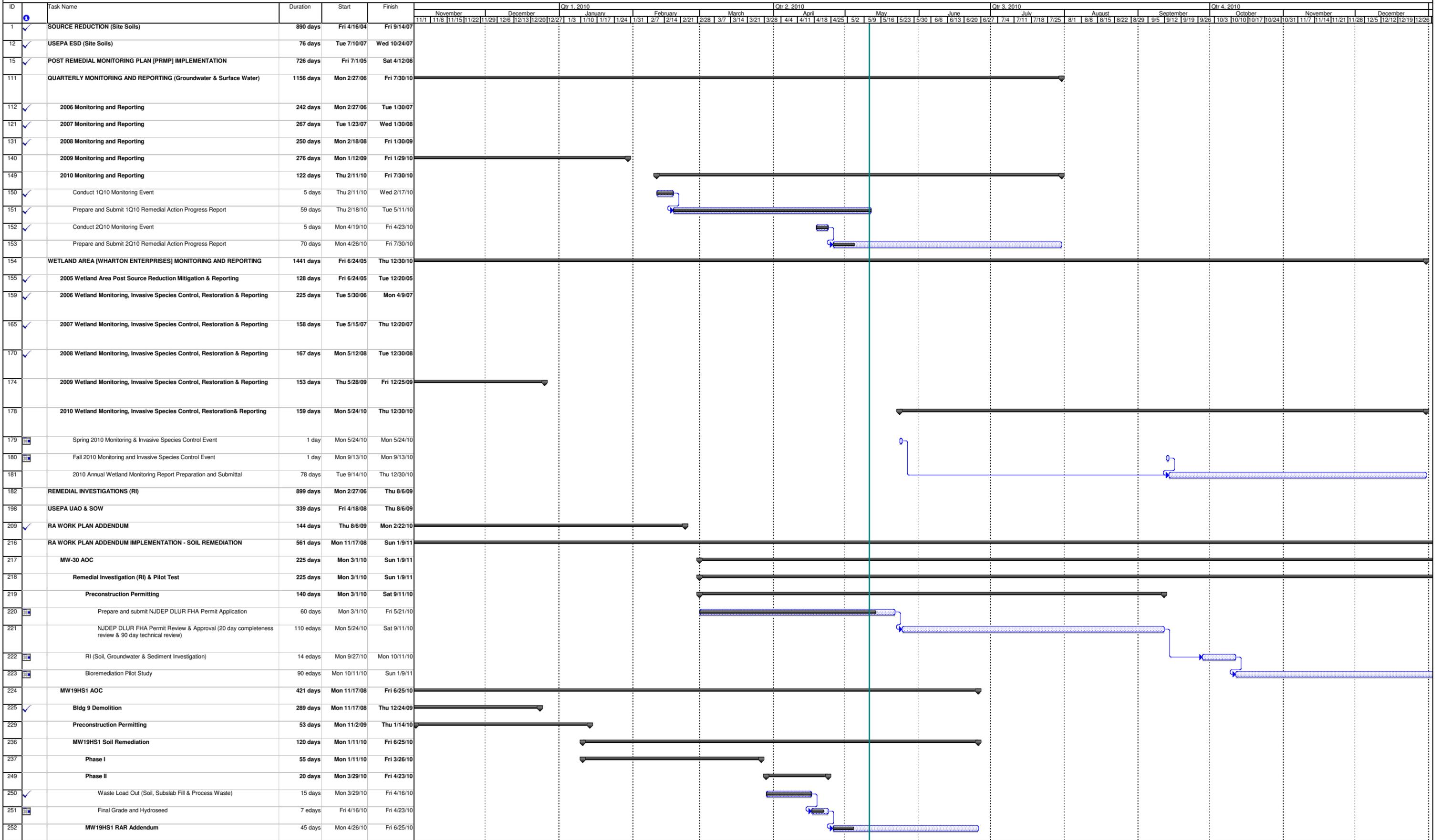
Client Name: L.E. Carpenter & Company	Site Location: Wharton, NJ	Project No.: 6527.41
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Photo No. 11	Date 2/13/10	
Description Standing South of SW-D-5, looking North towards the beaver dam and SW-D-5.		

Photo No. 12	Date 2/13/10	
Description Standing at SW-D-5 looking South (downstream) in the ditch toward DRC-02 and the Rockaway River.		

Appendix D

Project Schedule



Tue 5/11/10

Task Progress Milestone Summary Rolled Up Split Rolled Up Progress External Tasks Project Summary External Milestone Deadline

edays: elapsed days or calendar days